

**Extensible Markup Language  
Resource Library (XRL)  
Operational Repository  
Version 2.0  
End User Manual**



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# 1. SCOPE

## 1.1. Identification

System Identifier:	XML Registry Repository
Title:	XML Resource Library
Contract Number:	SA01026-01072002
Project Number:	164-010702
Customer:	Defense Logistics Information Service (DLIS)
System End User:	Various DoD Services and Agencies
System Developer:	Data Networks Corporation (DNC)
Version Number:	2.0
Software Release Number:	2.0

## 1.2. System Overview

The DLIS XML Resource Library (XRL) is being developed to provide a mechanism to facilitate and improve the electronic data exchange of logistic product data within the Defense Logistics Information Service (DLIS) and the Department of Defense (DoD). The system will provide the ability to register and manage XML data schemas, templates, scripts, and associated XML artifacts that are used for logistics support of weapon systems. The XML Resource Library System consists of a software component and an operations manual component. The software component provides a web-based interface application for users to submit, store, search, and retrieve a variety of XML artifacts associated with logistics product data management. This operations manual specifies the policies and procedures for submitting, validating, certifying, and accessing the artifacts stored in the repository.

Product Data Markup Language (PDML) is a set of XML vocabularies and a usage structure for deploying product data on the Internet, and making it visible to DoD weapon system support personnel. PDML is a method for structuring and integrating a suite of XML vocabularies or (data repository) schemas that provide for dynamic transformation of data structures and integration of data and, thereby, real-time data based interoperability of two or more applications. It was developed in a U.S. Department of Defense (DoD) program called Product Data Interoperability (PDI). The objective of the program was to develop the technology for integrating and exchanging product data between Product Data Management (PDM) systems over the World Wide Web.

## 1.3. Document Overview

The purpose of this manual is to document access and use of the XML Resource Library (XRL) from the end user perspective. This manual is organized as follows:

Section 2 - Referenced Documents

Section 3 - Software Summary

Section 4 - Using the Software

Section 5 - Processing Reference Guide

Section 6 – User Terminal Processing Procedure

Appendix A – Acronyms and Abbreviations

Section 2 lists all documents and other materials used in preparing this manual.

Section 3 describes the system software (software application, inventory, environment, organization and overview of system operation, contingencies, security, and problem reporting information).

Section 4 describes how to access the XRL system.

Section 5 provides guidance for accessing XRL menus and associated functions.

Section 6 provides guidance for related process procedure and error diagnosis.

Appendix A includes Acronyms and Abbreviations.

## 2. REFERENCED DOCUMENTS

The following documents were used or referenced during the development of this document:

The following documents were used or referenced during the development of this document:

1. Extending XML Business Standards Across the DOD Logistics Enterprise: Statement of Work, Data Networks Corporation, 6 October 2000.
2. Managing Names and Ontologies: an XML Registry and Repository, Robin Cover, Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium. URL - <http://www.sun.com/981201/XML/systems>
3. A Transactional Approach to SGML Storage: Why You Should Ask More From Your Repository, Stéphane Bidoul, The SGML Technologies Group (a pan-European group of companies), Conference Proceedings of Markup Technologies'98 US November 1998, pp 101-107. URL - <http://www.sgmltech.com/papers/sbi1198.htm>
4. The XML Cover Pages – XML Registry and Repository, Robin Cover, Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium. URL - <http://www.oasis-open.org/cover/XMLRegistry.html>
5. OASIS Registry Technical Specification, Lisa Carnahan, Chairperson of the OASIS Registry and Repository Technical Committee, 04 August 2000.  
URL - <http://www.nist.gov/itl/div897/ctg/regrep/specification/workingspec0804.htm>
6. American National Standard for Information Technology – Data Semantic Content – Metamodel for the Management of Shareable Data (proposed draft), American National Standards Institute, Inc. (ANSI) Accredited Standards Committee X3 Technical Committee L8.  
URL - [http://pueblo.lbl.gov/~olken/X3L8/drafts/Metamodel/MetaModel\\_ToC.html](http://pueblo.lbl.gov/~olken/X3L8/drafts/Metamodel/MetaModel_ToC.html)
7. Final Draft International Standard, ISO/IEC 11179-1 Specification and standardization of data elements, The International Organization for Standardization (ISO) and The International Electrotechnical Commission (IEC).  
URL - <http://www.sdct.itl.nist.gov/~ftp/l8/11179/>

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8. OASIS Registry/Repository Working Group Members' Page, Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium.  
  
URL- <http://www.nist.gov/itl/div897/ctg/regrep/working.html>
  9. ebXML Welcome Page, United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) and Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium.  
  
URL- <http://www.ebXML.org/>
  10. Document Object Model Level 2 Core Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium.  
  
URL- <http://www.w3.org/TR/DOM-Level-2-Core/core.html> - ID-1950641247
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URL- <http://www.w3.org/TR/1998/REC-XML-19980210>
  12. XML Transformations (XSLT) 1.0 Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium.  
  
URL- <http://www.w3.org/TR/xslt>
  13. Extensible Stylesheet Language (XSL) 1.0 Candidate Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium.  
  
URL- <http://www.w3.org/TR/xsl/>
  14. Associating Style Sheets with XML Documents Version 1.0 Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium.  
  
URL- <http://www.w3.org/1999/06/REC-XML-stylesheet-19990629/>
  15. Cascading Style Sheets (CSS), level 1 Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium.  
  
URL- <http://www.w3.org/TRREC-CSS1-961217.html>
  16. Cascading Style Sheets (CSS), level 2 Recommendation, World Wide Web Consortium (W3C), a non-profit, international consortium. URL- <http://www.w3.org/TRREC-CSS2/>
  17. Product Data Markup Language (PDML), World Wide Web Consortium (W3C), a non-profit, international consortium. URL- <http://www.pdml.org/>

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18. Patel, Ketan C. "Storing and Retrieving XML Content," XML Journal Volume 2 Issue 1, pp 48 - 50. URL- <http://www.sys-con.com/XML/>
  19. Cooper, James W. Java Design Patterns,, Addison-Wesley, 2000.  
URL- <http://www.aw.com/cseng/>
  20. Welcome to the Apache XML Project, The Apache Software Foundation, a non-profit, international corporation. URL- <http://XML.apache.org/>
  21. Java™ Technology and XML, Sun Microsystems, an international corporation.  
URL- <http://java.sun.com/XML/>
  22. Java Document Object Model (JDOM), JDOM.org, a non-profit, consortium.  
URL- <http://www.jdom.org/>
  23. Bradley, Neil, The XML Companion, Addison-Wesley, 2000. URL -  
<http://www.aw.com/cseng/>
  24. Bourret, Ron DTD Parser, and XML Schema Converters URL -  
<http://www.rpbouret.com/schemas/index.htm>
  25. Lau, Yun-Tung, Ph.D. The Art of Object, Addison-Wesley, 2001 URL -  
<http://www.aw.com/cseng/>
  26. Cockburn, Alistair Writing Effective Use Cases, Addison-Wesley, 2001 URL -  
<http://www.aw.com/cseng/>
  27. ebXML Registry Information Model, ebXML Registry Working Group, United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) and Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium. URL -  
[http://www.ebXML.org/project\\_teams/registry/private/registryInfoModelv0.52.pdf](http://www.ebXML.org/project_teams/registry/private/registryInfoModelv0.52.pdf)
  28. ebXML Registry Services, ebXML Registry Working Group, United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) and Organization for the Advancement of Structured Information Standards (OASIS), a non-profit, international consortium. URL -  
[http://www.ebXML.org/project\\_teams/registry/private/RegistryServicesSpecificationv0.81.pdf](http://www.ebXML.org/project_teams/registry/private/RegistryServicesSpecificationv0.81.pdf)
  29. Universal Description, Discovery, and Integration of Business for the Web, uddi.org, a non-profit, consortium URL - <http://www.uddi.org/>
  30. Internet Engineering Task Force (IETF) Home Page, ietf.org, a volunteer Internet standards organization URL- <http://www.ietf.org/>

- 
31. Extending XML Business Standards across the DOD Logistics Enterprise: XML Resource Library System/Subsystem Specification (Draft), August 5, 2002
  32. OASIS/ebXML Registry Services Specification, v2.0 DRAFT, OASIS/ebXML Registry Technical Committee, 6 December 2001 <http://www.ebxml.org/specs>
  33. OASIS/ebXML Registry Information Model, v2.0 DRAFT, OASIS/ebXML Registry Technical Committee, April 2002 33.1 OASIS/ebXML Registry Information Model, v2.0 DRAFT, OASIS/ebXML Registry Technical Committee, April 2002 <http://www.ebxml.org/specs>

### **3. SOFTWARE SUMMARY**

#### **3.1. Software Application**

The XML Resource Library (XRL) provides a mechanism for managing metadata used for e-commerce and product data exchange applications that support logistics operations for DoD weapon systems. It helps to establish a recognized and authoritative site for the submission and access of schemas for data export/import. Furthermore, it provides services to support data integration and application interoperability.

Using the XRL will assist in improving data sharing and exchange. The XRL also helps reduce data latency and the use of derivative data, improving the reliability of information retrieved. As a result, commanders and operational planners will have access to information that allows them to make better management decisions.

#### **3.2. Software Inventory**

The XRL consists two parts: a Registry and a Repository. The Registry is designed to fundamentally manage the objects and inquiries. The Repository acts as a data warehouse to store the objects. The Registry Service is comprised of a robust set of interfaces to manage the objects within the Registry. There are two interfaces for the Registry Service.

Life Cycle Management Interface: Provides a collection of methods for managing objects within the Registry.

Query Management Interface: Controls the discovery and retrieval of information from the Registry.

#### **3.3. Software Environment**

The XRL database is a Web-based Oracle RDBMS that provides for storing and retrieving of XML artifacts, administrative policy information, and security controls.

The user interface software is capable of running on any operating system that supports a Web Browser that supports Java 2. The initial version of the system will execute on Intel Pentium PCs. The minimum end-user system configuration is:

- 133 MHz Pentium CPU
- 16 Mbytes RAM
- 1 Gbyte Disk

The minimum server system configuration is:

- 200 MHz Pentium CPU

- 
- 128 Mbytes RAM
  - 2 Gbyte Disk

The end-user application supports Internet communications using the IP standard. The server application software will not exceed an average CPU utilization of 10% of capacity over a twenty-four hour period. All software, including the database system, is portable between Windows, Windows NT, Sun Solaris UNIX, and HPUX UNIX. The initial implementation of the server software will execute on Windows NT 4.0.

### **3.4. Software Functionality Overview**

The major system components are:

- User: allows users to request an account and maintain their user account information.
- Search: allows users to search information stored in the Registry and the Repository.
- View: allows users to browse information in the Registry and Repository.
- History: allows users to view the historic activities related to the artifact.
- Submit: allows users to store information in the Registry and Repository.
- Maintain: allows users to update information in the Registry and Repository.
- Comments: allows users to read, post, modify, or delete comments.
- Version/Variant: allows users to create new versions or variants.
- Classification: allows users to create classification schemes and manage the classification scheme hierarchy.
- Administration: allows the system administrator to manage the system.
- Help: provides online help.

### **3.5. Contingencies and Alternate States and Modes of Operation**

In the event of system maintenance, email notification should be sent to all users. A broadcast message should display as a reminder fifteen minutes prior to the scheduled system maintenance event. Unscheduled system downtime will require users to manually log, maintain, and/or track their data until normal system operations resume.

### **3.6. Security and Privacy**

The XRL is password protected with restrictions on access privileges based on the user ID. Users with proper privileges will have read/write capability. The connection to and from the mid-tier platform is secure and does not provide access to unauthorized users. The XRL meets C2 security requirements as identified in DoD 5200.17, Security Requirements for Automated Information and Telecommunications Systems, along with the DoD 5200.28, DoD Trusted Computer System Evaluation Criteria. All users must complete a registration form prior to gaining system access.

#### **3.6.1. User Identification and Authentication**

Upon entering the user ID (Login Name), an "Invalid user ID and password" error message appears if the User ID or Password is incorrect.

If the password is close to expiring, the user will be notified beginning seven days prior to password expiration, and again at every login.

If the password does expire, the user's login ID will be set to force a password change.

- User IDs (Login Names) are case sensitive.
- Users have a maximum of three login attempts before their account is disabled.

#### **3.6.2. Passwords**

The new user needs to sign up for an account before entering the system. To obtain an account, the user needs to provide organization information, contact information, and a user ID and password. The system will verify the uniqueness of the user ID and verify all mandatory fields. A successful account registration will be displayed and further instructions will be provided. After the System Administrator has assigned access permissions, the user can log into the system and change the password.

The following requirements are applied to passwords:

- Passwords shall be at least eight (8) characters long but less than sixteen characters long.
- Passwords shall consist of a mix of upper case letters, lowercase letters, numbers, and special characters, including at least one of each. Valid special characters are !, @, #, \$, %, ^, \*, (, ) (there nine characters only).
- Any repeating characters in consecutive positions are not allowed. (i.e. good password - jY747\*\$6 (7 is used more than once but is not next to each other) bad password - jY744\*\$6 (4 repeats in consecutive positions).
- Passwords shall not be the same as or the reverse of the user login ID.
- Passwords cannot be the same or the reverse of any of the user's five previous passwords.

- 
- If you are changing a password, the new password must differ from the previous password by at least three (3) characters. This is a character by character match comparing the first position of the new password with the first position of the previous password and then the second position, etc... (i.e. previous password = S34#jw\*8; Acceptable new passwords 48S34#jw or T73#jw\*8 or S34#km\*85 (these are ok because positions 5,6, and 9 are different). Unacceptable new passwords: G64#jw\*8 (only the first two characters have changed) or S34\*jw\*9 (only positions 4 and 8 have changed).
  - User accounts will be locked after three (3) invalid access attempts. The System Administrator will process requests to unlock accounts.

### **3.7. Assistance and Problem Reporting**

For any problems encountered during the operation and use of the XRL, contact your immediate supervisor.

## 4. USING THE SOFTWARE

### 4.1. Accessing the Software

The following explains the procedures that must be followed to access the XRL (all instructions assume the user is familiar with Web Browser commands and navigation):

1. Obtain the XRL URL.
2. Initiate a Web Browser.
3. Type the XRL URL into the "http://" Browser address box and press ENTER.
4. Once the login screen appears (as shown in Figure 4.1-1), click in the *Login Name* field.
5. Type in your Login Name (user ID).
6. Click in the *Password* field or press the TAB key.
7. Type in your password and then click on the *Login* link.
8. The XRL main menu displays (Figure 4.1-2).

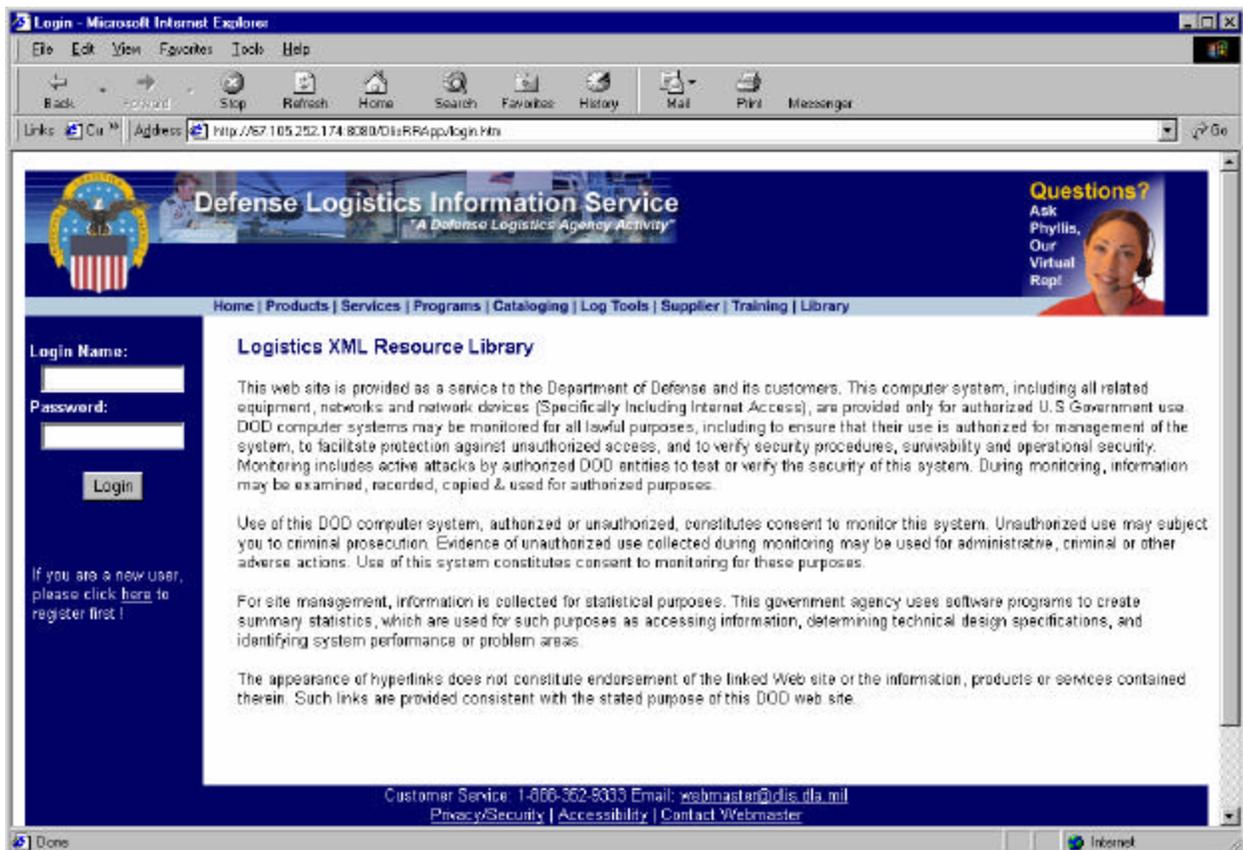


Figure 4.1-1 XRL Login Screen

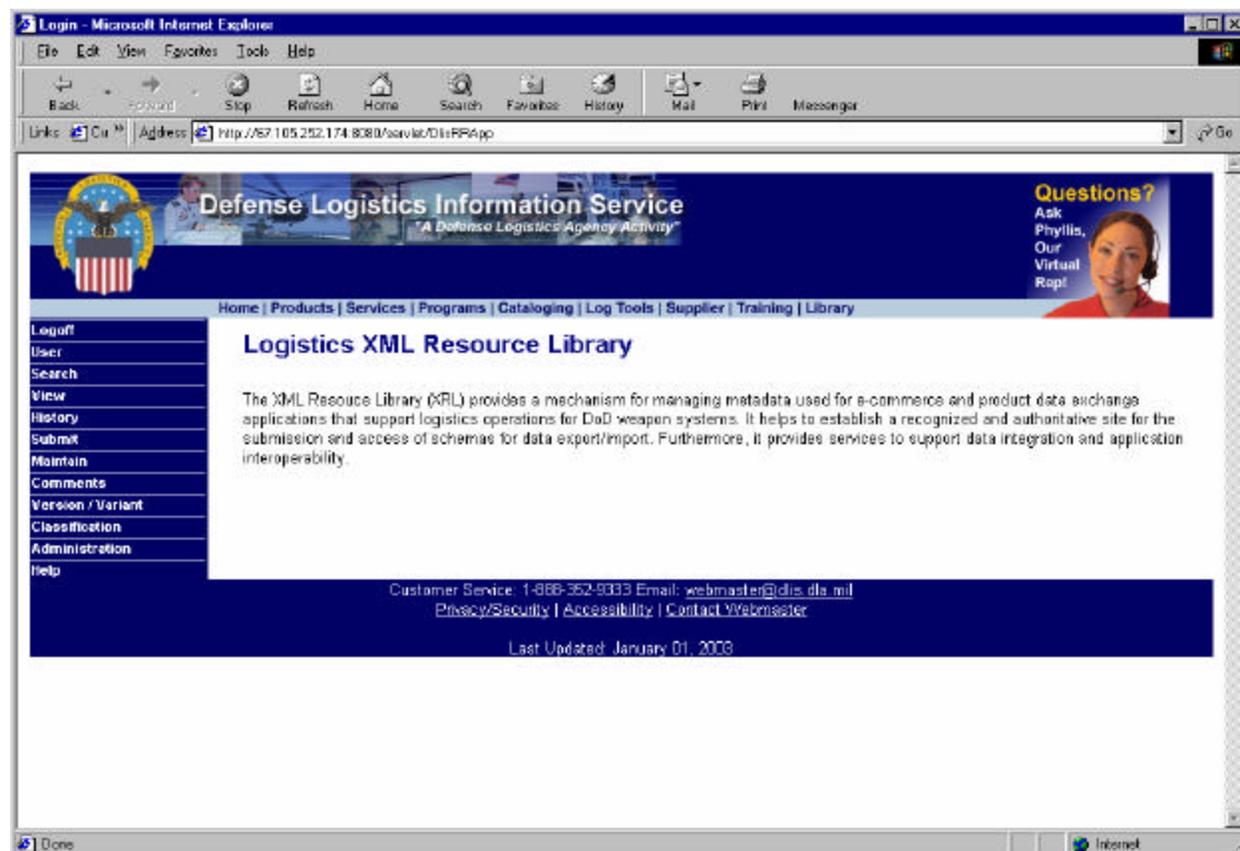


Figure 4.1-2 XRL Main Menu

To register a new user, click the link from the login page to sign up an account to access the system (See Figure 4.1-3).

You need to provide your organization information, contact information, and the user ID and password that you prefer. The system will then verify the uniqueness of your user ID and verify all the mandatory fields. A successful account registration message will be displayed. After the System Administrator assigns you access permission, you will be able to use your account to login to the system.

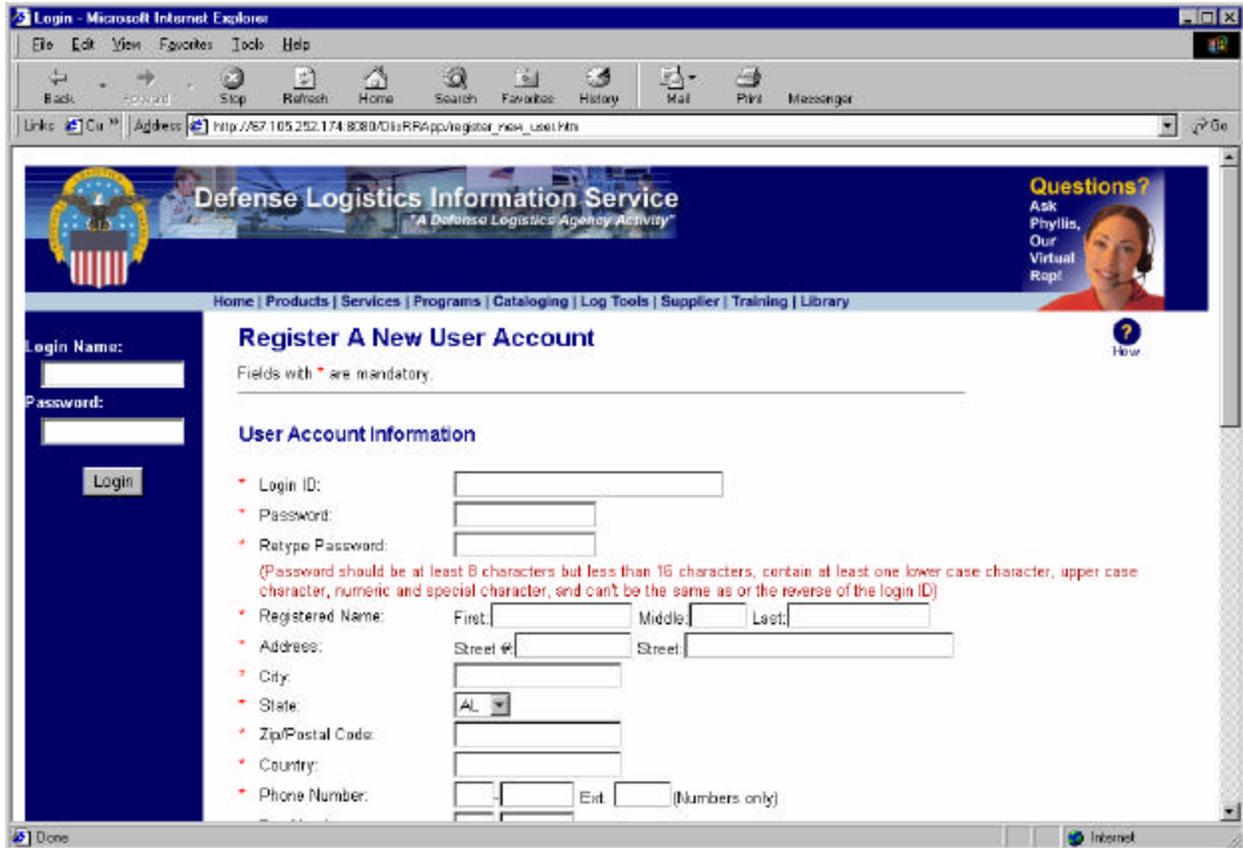


Figure 4.1- 3 Register A New User

## 5. PROCESSING REFERENCE GUIDE

### 5.1. User (Maintain User Information)

The User screen provides an interface for a registered user to update their account information and update the contact information pertaining to the same account.

You can update your own account information except for the Login ID. You need to fill in all of the mandatory fields in order to submit new information. Enter the information that you want to update and click **Save** when you finish (See Figure 5.1).

Register User - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Messenger

Links Ctrl M Address http://67.105.252.174:8080/aeval/DI/PRApp?func=2&subFunc=13 Go

Defense Logistics Information Service  
"A Defense Logistics Agency Activity"

Questions?  
Ask  
Phyllis,  
Our  
Virtual  
Rep!

Home | Products | Services | Programs | Cataloging | Log Tools | Supplier | Training | Library

Logoff  
User  
\* Maintain User Info  
Search  
View  
History  
Submit  
Maintain  
Comments  
Version / Variant  
Classification  
Administration  
Help

**Maintain User Account**

Fields with \* are mandatory.

**User Account Information**

- \* Login ID: admin
- \* Password: [masked]
- \* Retype Password: [masked]
- \* Registered Name: First: JIM Middle: [empty] Last: KEPLER
- \* Address: Street #: 1840 Street: Michael Faraday Dr. Suite 300
- \* City: RESTON
- \* State: VA
- \* Zip/Postal Code: 20180
- \* Country: USA
- \* Phone Number: 703-4792650 Ext. 102 (Numbers only)
- \* Fax Number: 703-4792650 (Numbers only)
- \* E-mail: keplerj@dlia.com

Done Internet

Figure 5.1 User – Maintain User Information

## 5.2. Search

The search function provides a user interface to search artifacts in the Repository or search the Registry entries. The user can look for any registered artifacts in the Repository by keyword or search the Registry entries by entering the search criteria (See Figure 5.2).

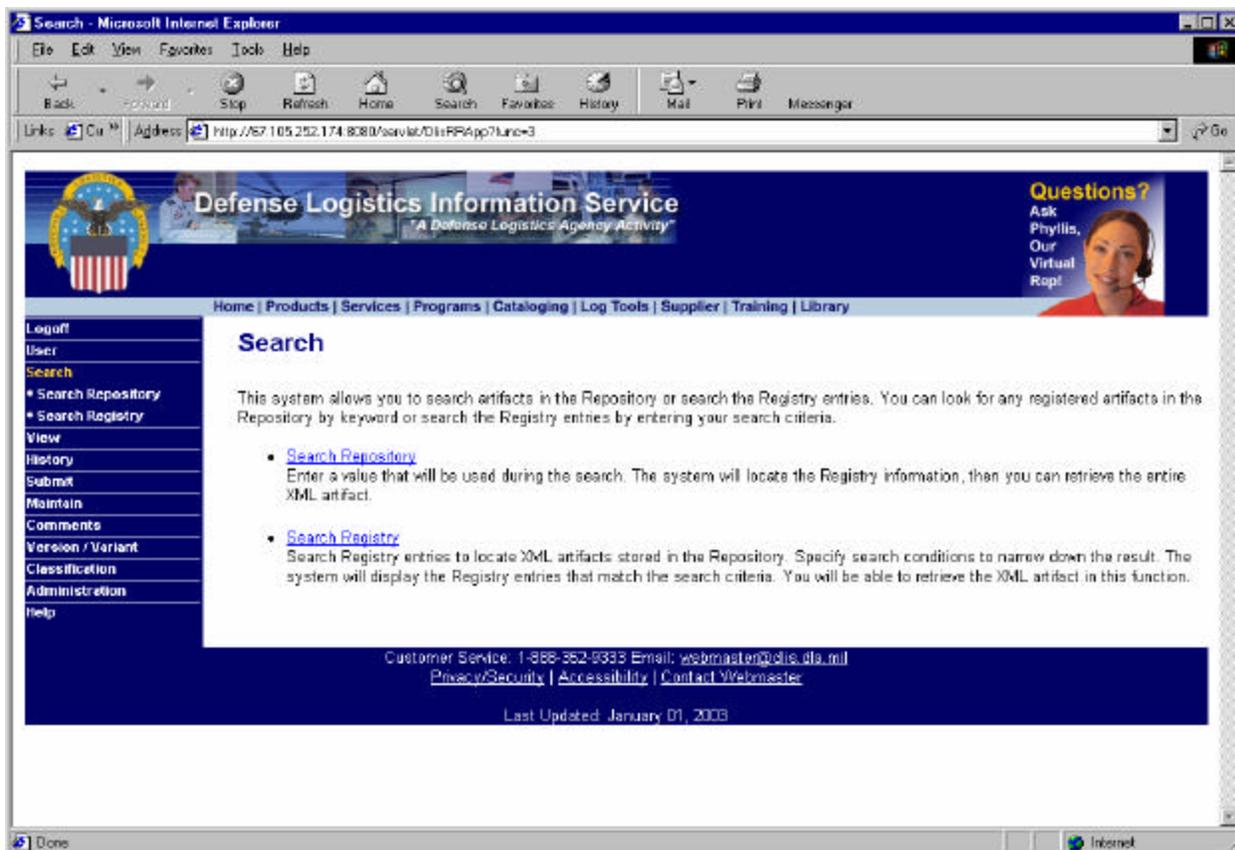


Figure 5.2 XRL-Search (Menu Selection)

### 5.2.1. Search Repository

To search the Repository, enter a keyword (See Figure 5.2.1-1). This search value may contain wild card characters to allow for broadening of the search. After you've entered the keyword, click "Search" and a table of information containing that keyword will come up, with options to View Details, View Comments, and View Artifact for each object (See Figure 5.2.1-2).

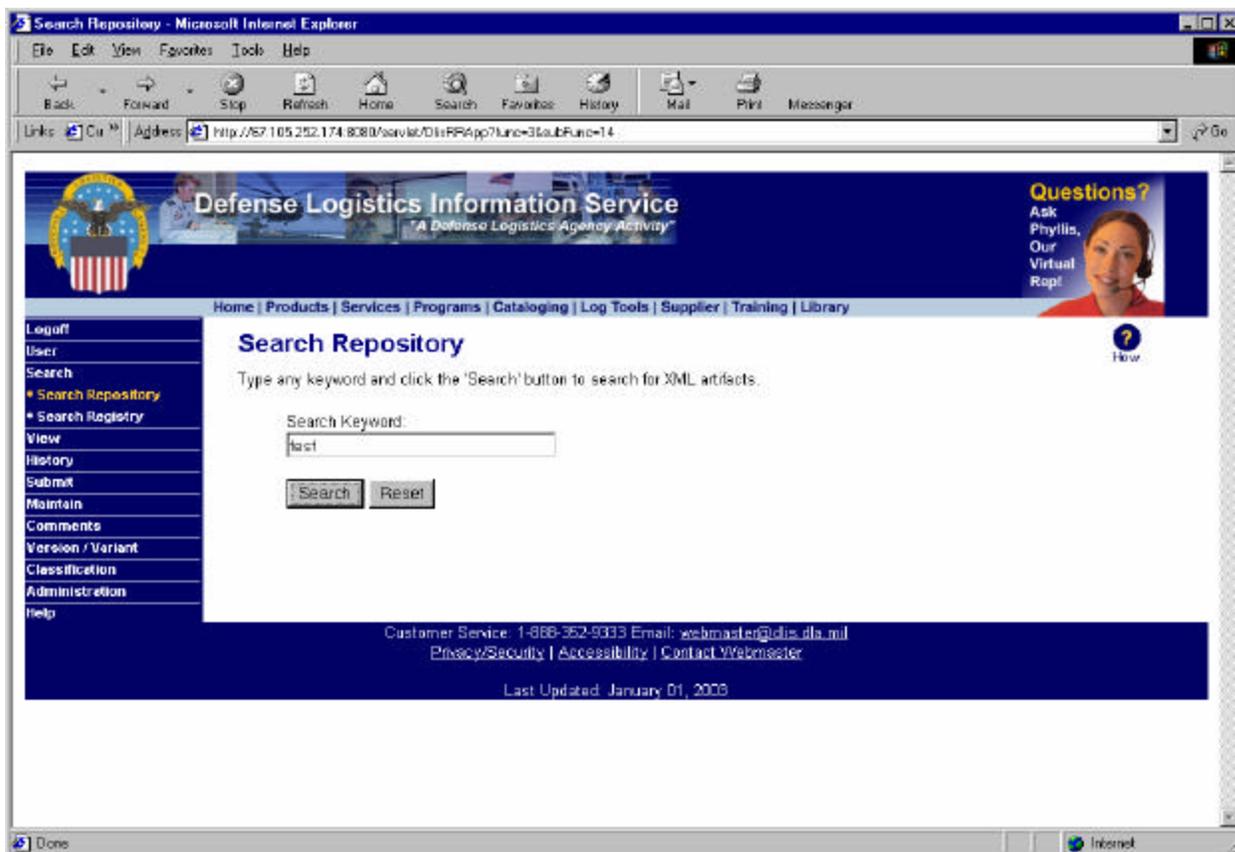


Figure 5.2.1-1 XRL-Search Repository

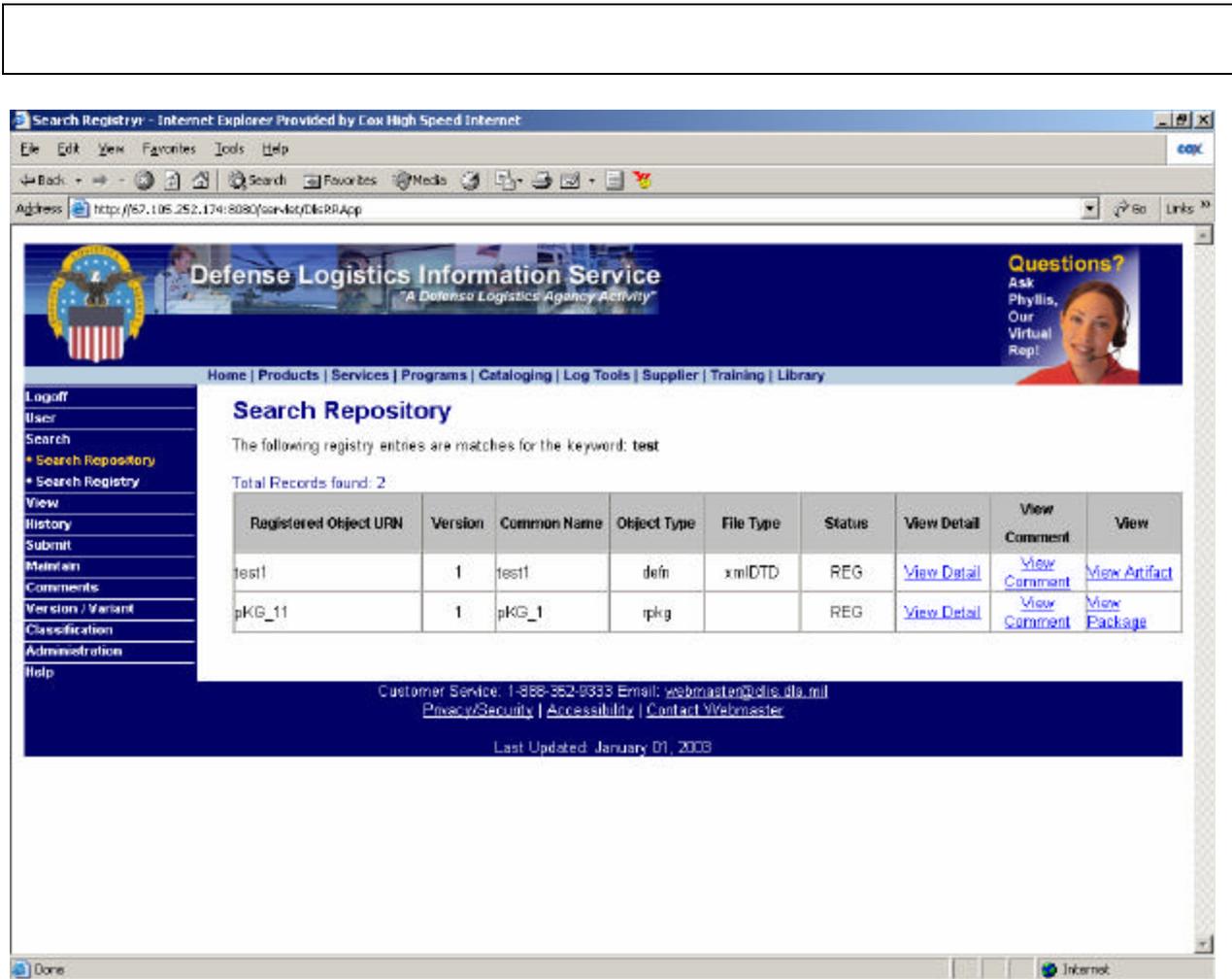


Figure 5.2.1-2 XRL-Search Repository

## 5.2.2. Search Registry

You will need to provide any of the following information to search the Registry (See Figure 5.2.2-1):

- The Registry Name
- Version
- Description or Keyword
- Submitting Organization
- Classification Scheme
- Object Type
- File Type and
- The Status Change Date

Click "Search" and a table will come up, containing information about all applicable Object URNs, along with options to View Details, View Comments, and View Artifacts (See Figure 5.2.2-2).

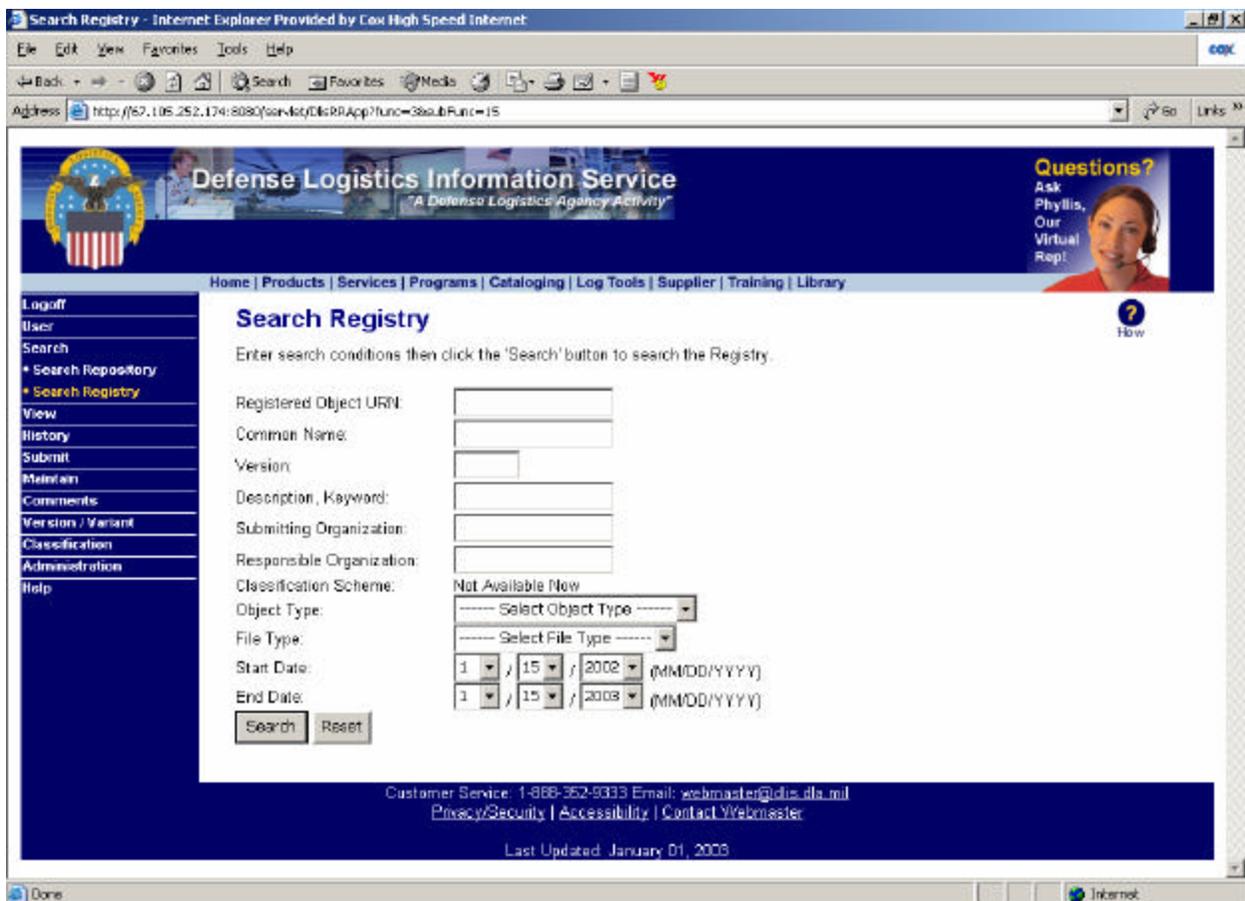


Figure 5.2.2-1 XRL-Search Registry

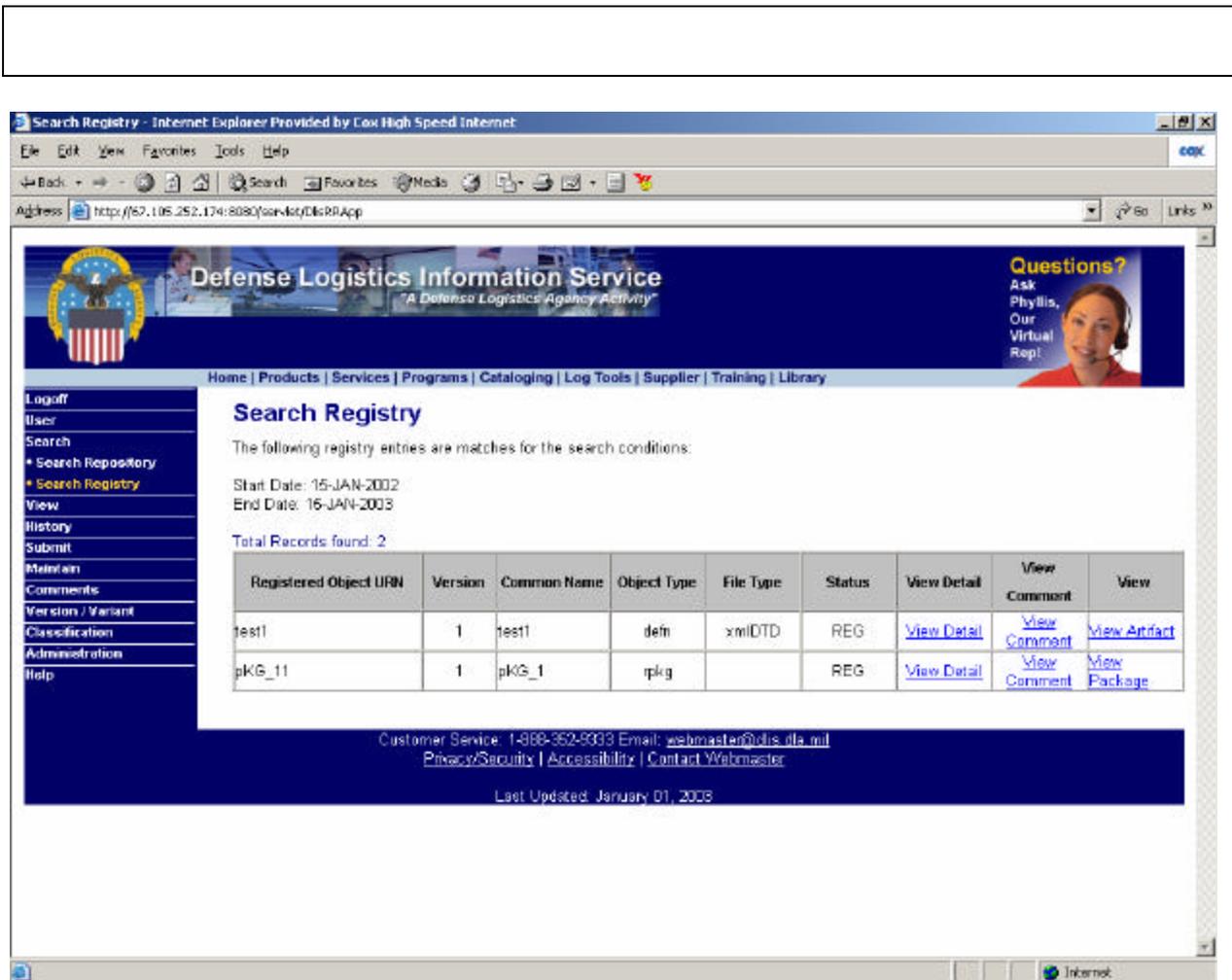


Figure 5.2.2-2 XRL-Search Registry

### 5.3. View

This function provides a user interface to browse XML artifacts, XML Packages, and Application Transaction Sets (ATS) in the Repository. In addition, the user can view the Registry Entry or Compare Two XML Artifacts (See Figure 5.3).

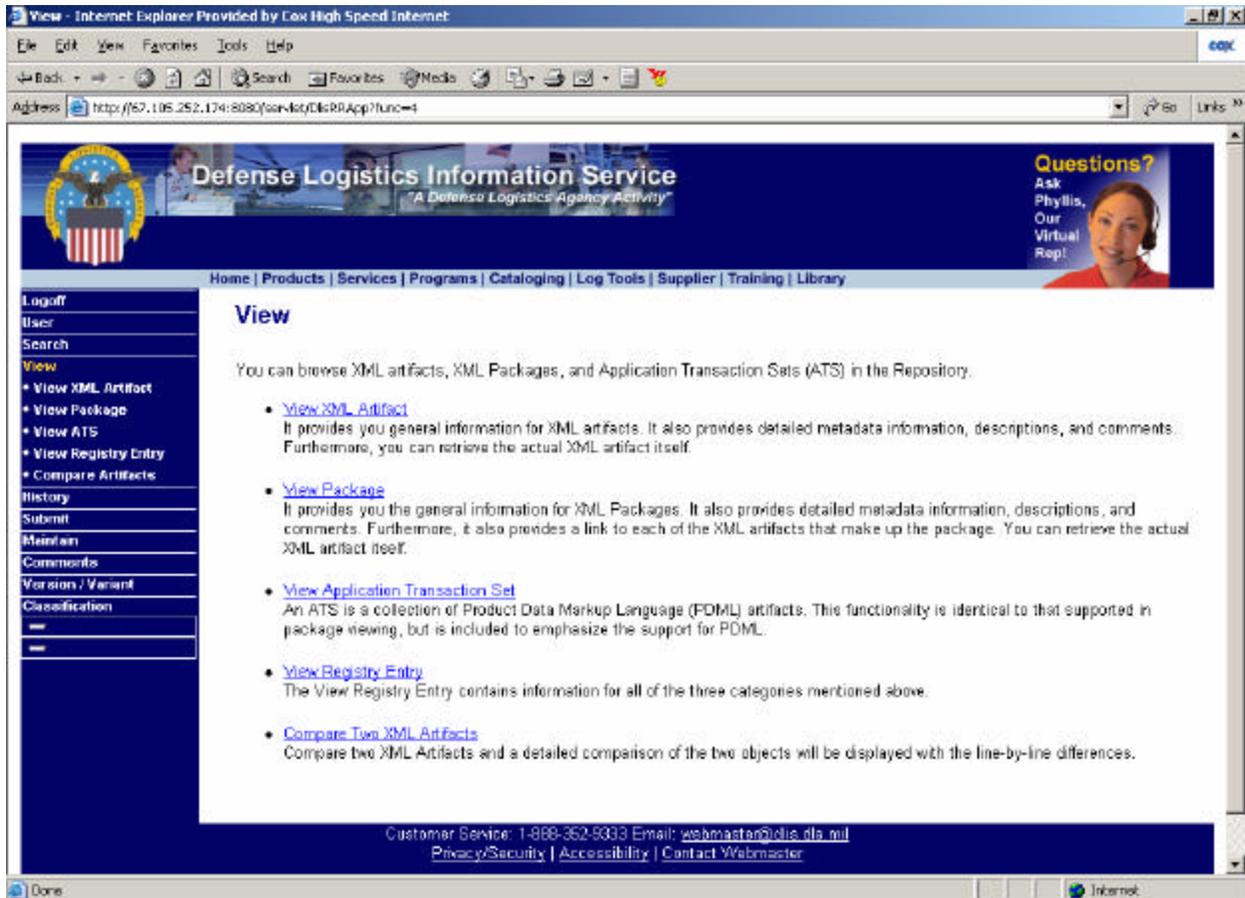


Figure 5.3 XRL-View (Menu Selection)

### 5.3.1. View XML Artifact

When you enter the view XML Artifact Screen, you can either:

Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.

Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses), then click "Go". (See Figure 5.3.1-1)

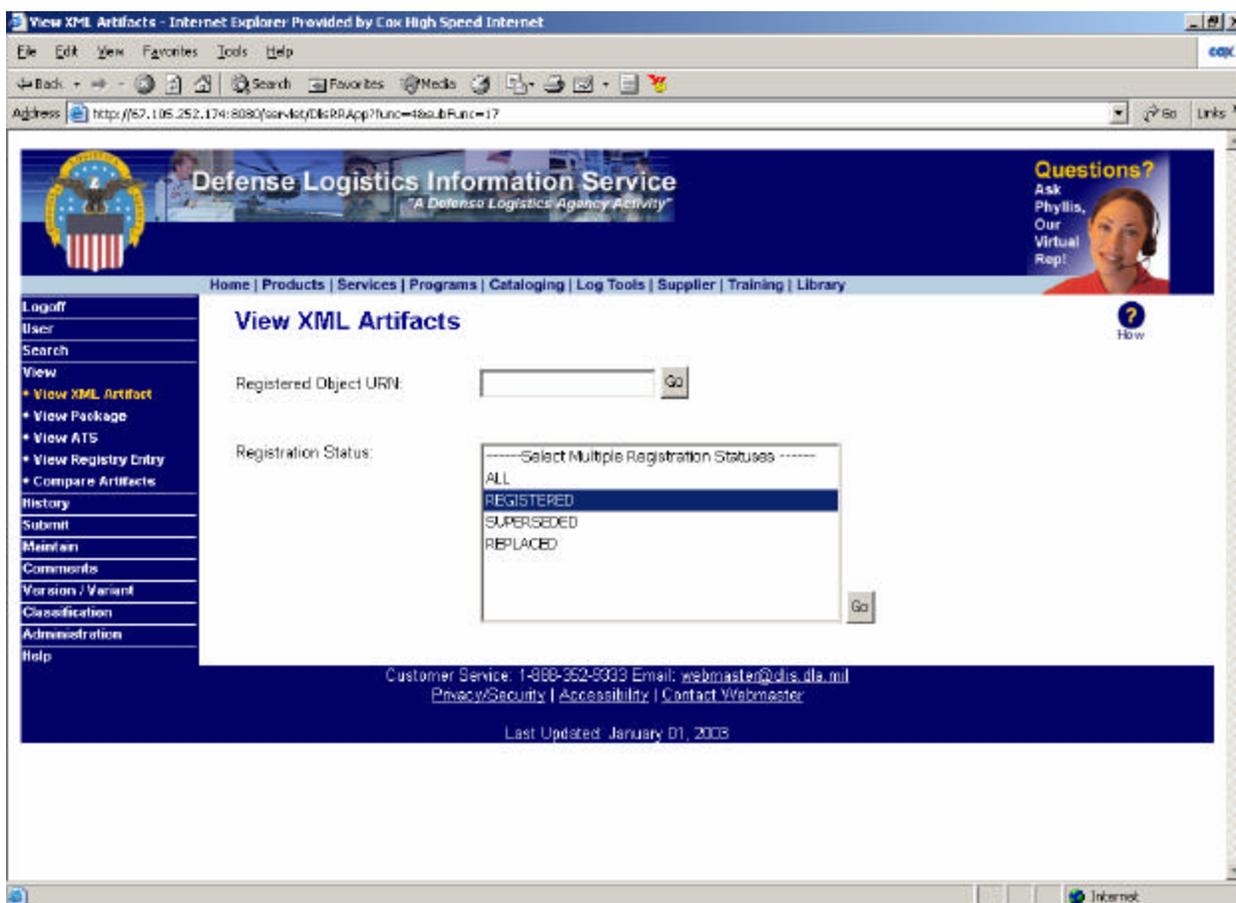


Figure 5.3.1-1 XRL-View XRL Artifacts

You will then be presented with a list of relevant artifacts in the registry (See Figure 5.3.1-2). You will be given the option to:

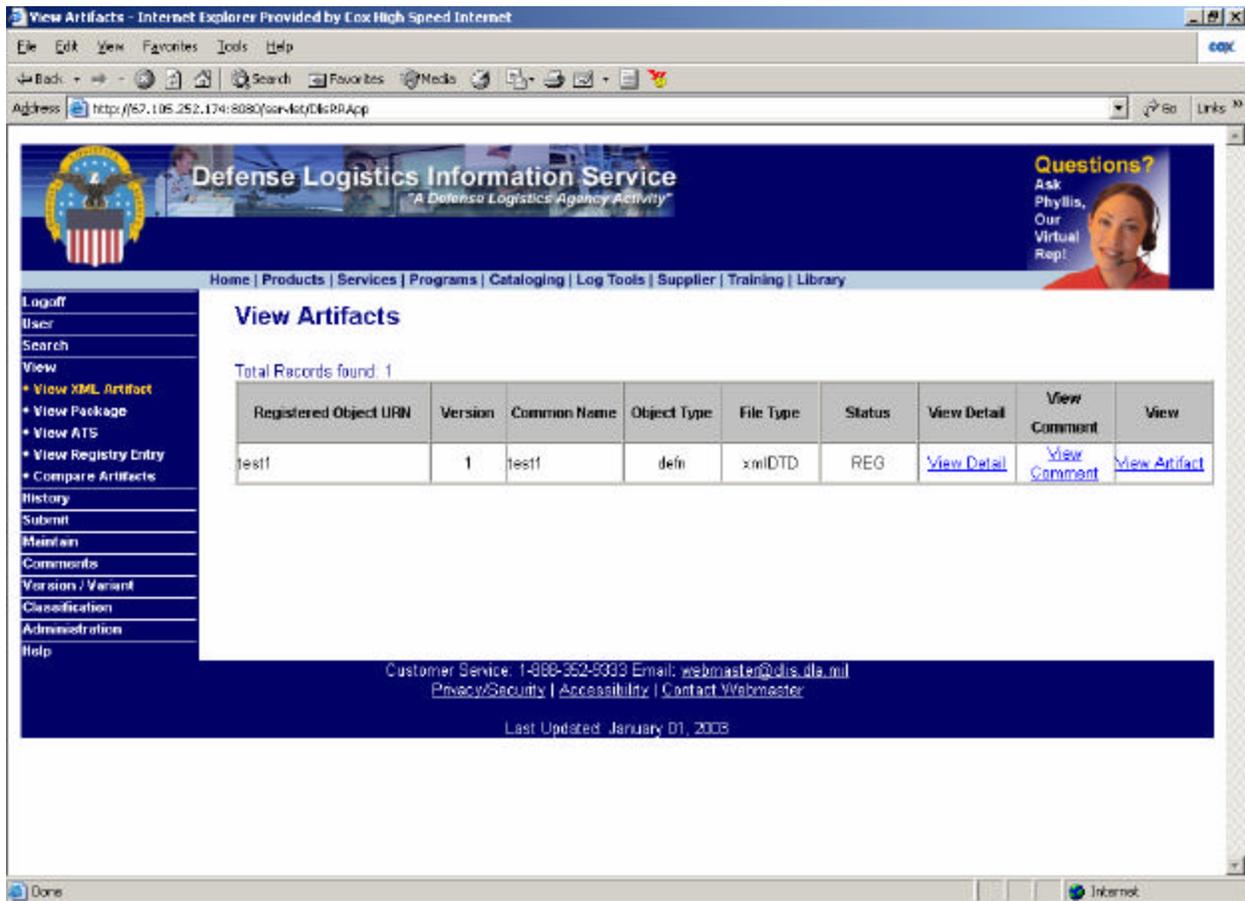


Figure 5.3.1-2 XRL-View Artifacts

- View a Description of the XML artifact - If you choose to view a description of the artifact, you will click on the highlighted link titled "View Detail" and a new window will open containing vital overview info about the artifact (See Figure 5.3.1-3).
- View Comments related to the XML artifact - If you choose to view comments related to the artifact, you will click on the highlighted link titled "View Comment" and a new window will open containing all comments related to that particular artifact (See Figure 5.3.1-4).
- View the XML artifact - If you choose to view the artifact, you will click the highlighted link titled "View Artifact". This will open a new window containing the artifact's content (See Figure 5.3.1-5).

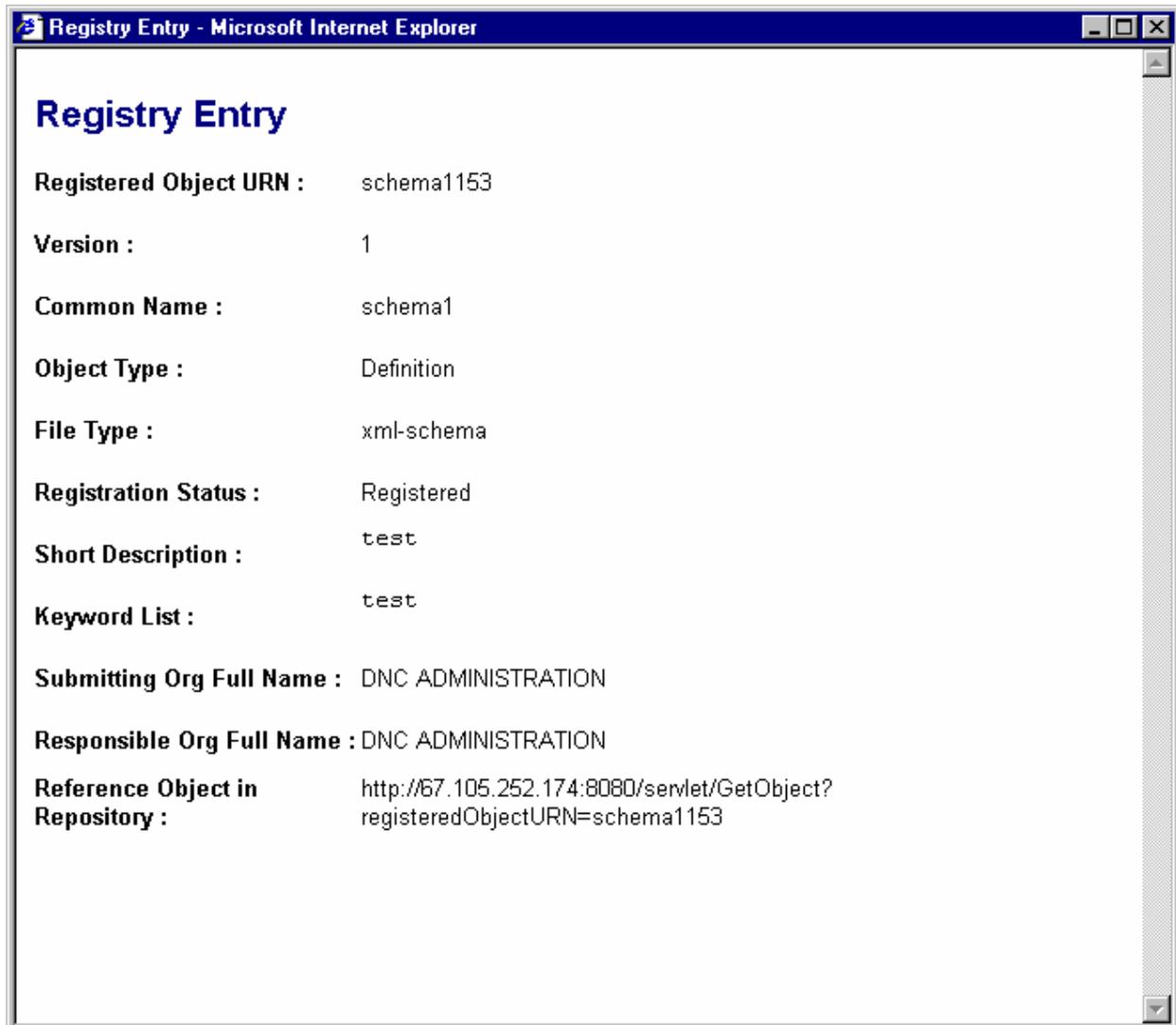


Figure 5.3.1-3 XRL-View Artifact (View Detail)

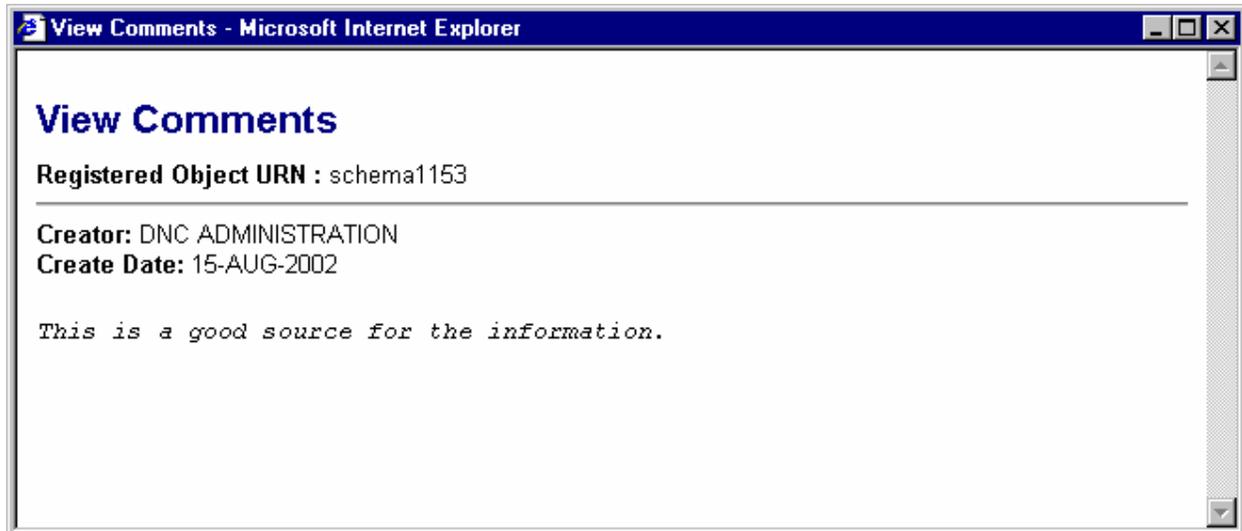


Figure 5.3.1-4 XRL-View Artifact (View Comment)



Figure 5.3.1-5 XRL-View Artifact (View Artifact)

### 5.3.2. View Package

When you enter the view XML Package Screen, you can either:

Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.

Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses), then click "Go" (See Figure 5.3.2-1).

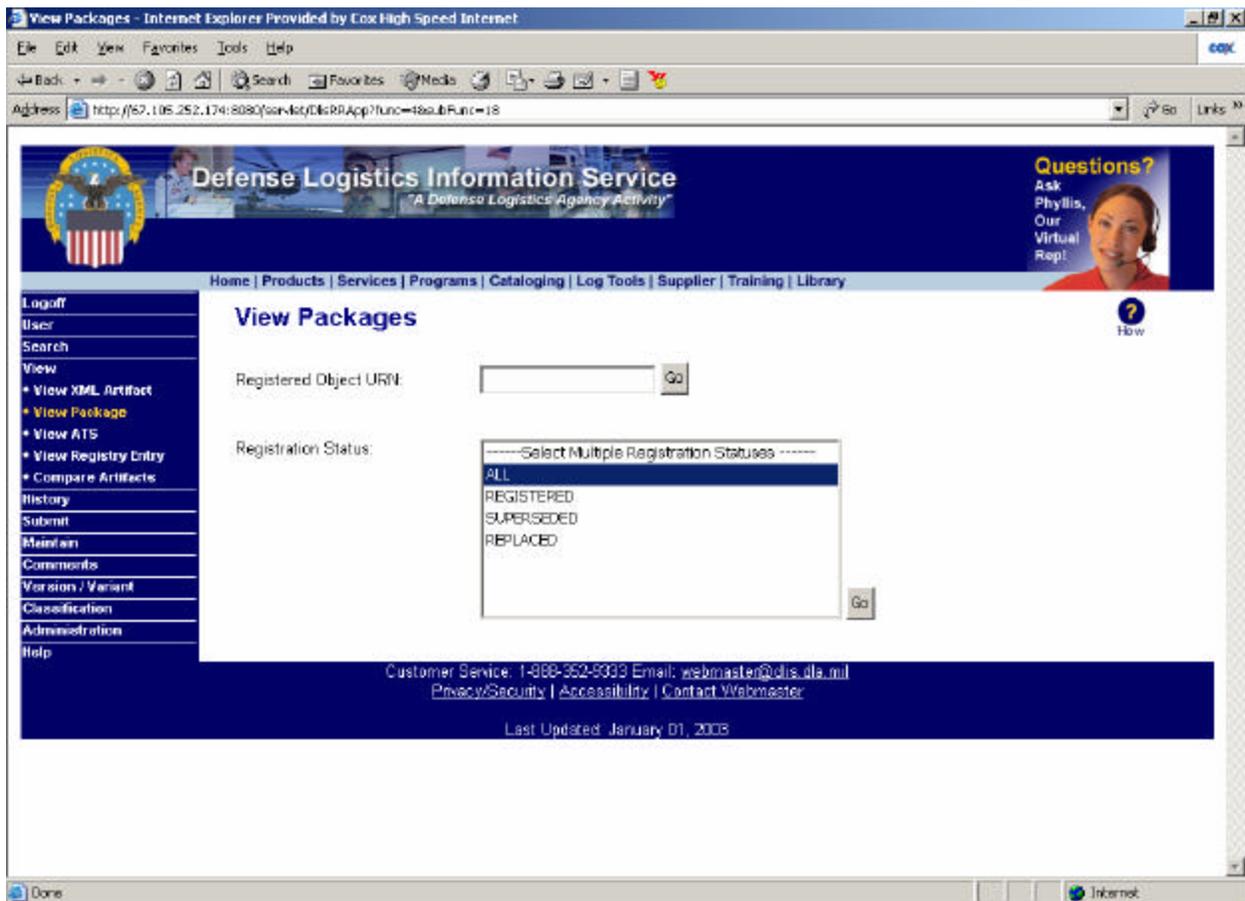


Figure 5.3.2-1 XRL-View Package

You will then be presented with a list of relevant artifacts in the registry (See Figure 5.3.2-2). You will be given the option to:

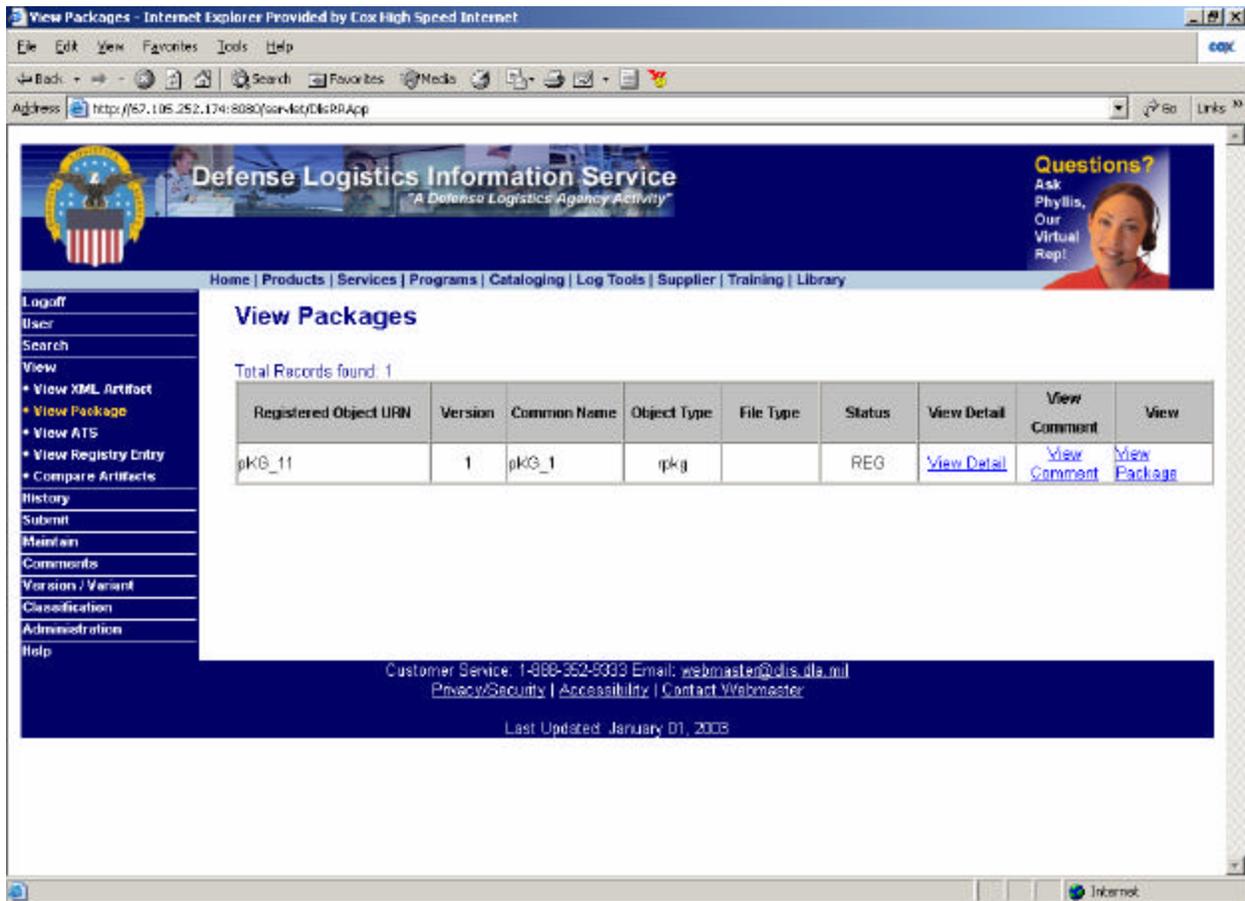


Figure 5.3.2-2 XRL-View Package

- View a Description of the Package - If you choose to view a description of the package, you will click on the highlighted link titled "View Detail" and a new window will open containing a description of the registry entry (Refer to Figure 5.3.1-3).
- View Comments related to the Package - If you choose to view comments related to the package, you will click on the highlighted link titled "View Comment" and a new window will open containing all comments related to that particular package (See Figure 5.3.1-4).
- View the Package - If you choose to view the package, you will click the highlighted link titled "View Package." This will open a new window containing the package member information (See Figure 5.3.2-3).

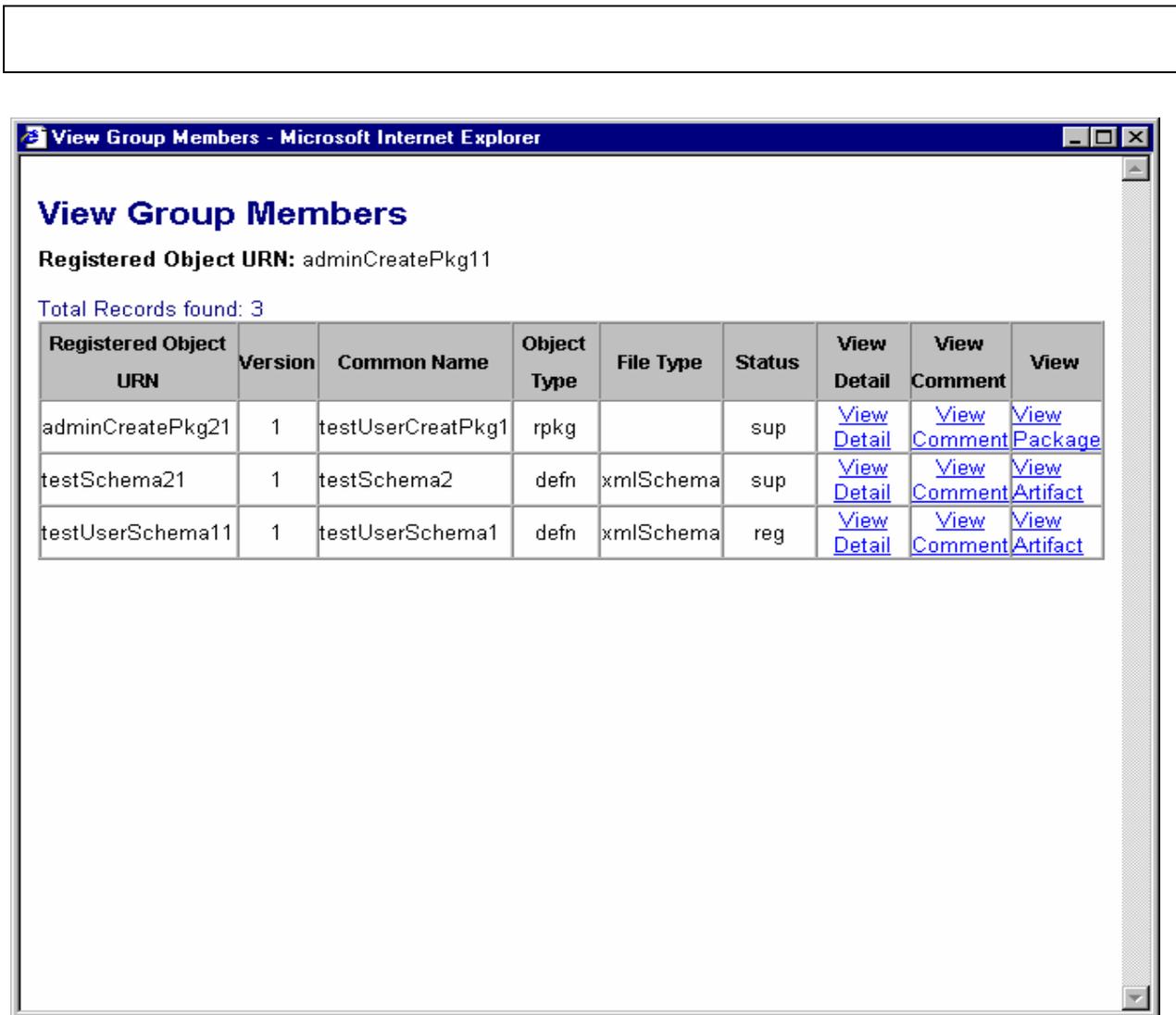


Figure 5.3.2-3 XRL-View Package (View Group Member)

### 5.3.3. View ATS

When you enter the view Application Transaction Set (ATS) Screen, you can either:

Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.

Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses), then click "Go" (See Figure 5.3.3-1).

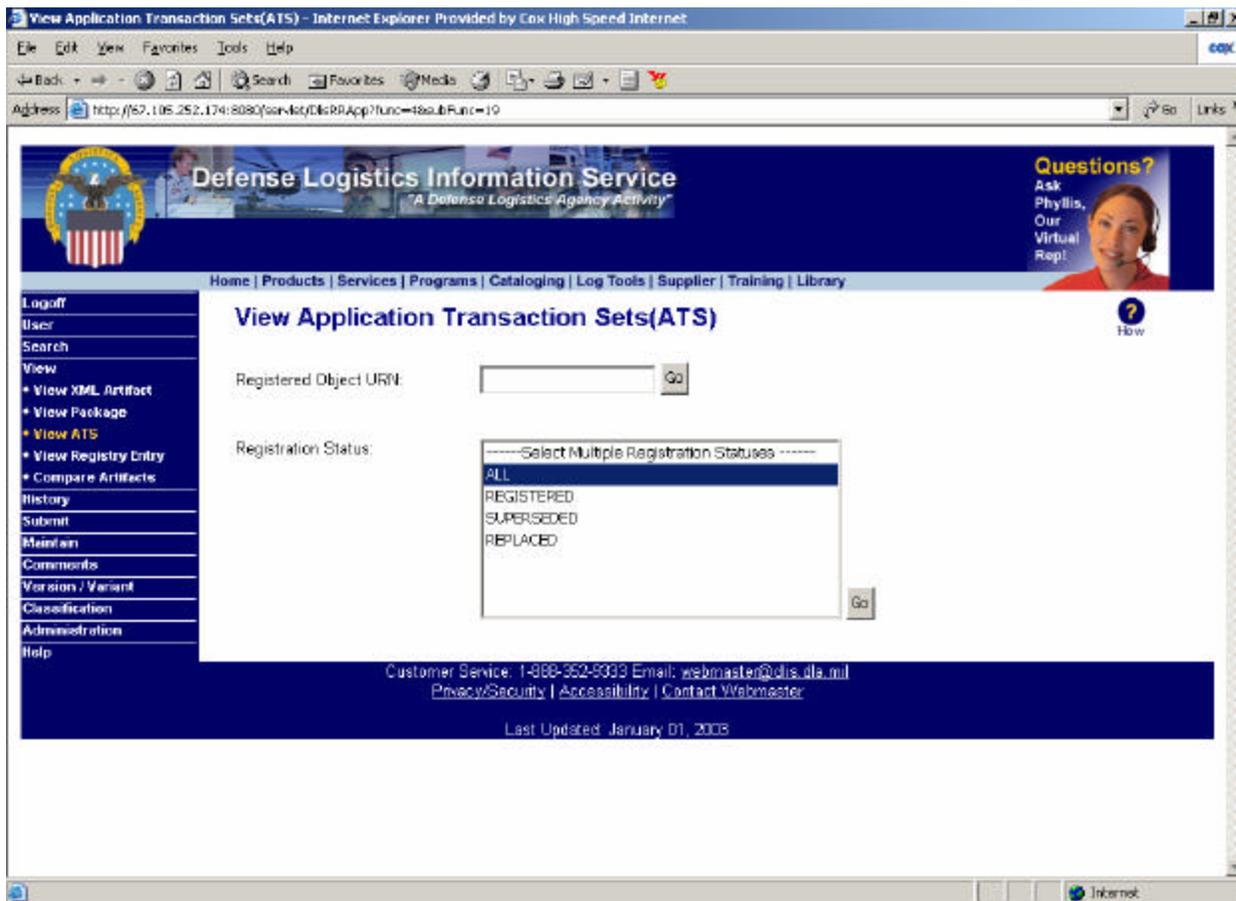


Figure 5.3.3-1 XRL-View ATS

You will then be presented with a list of relevant artifacts in the registry. You will be given the option to:

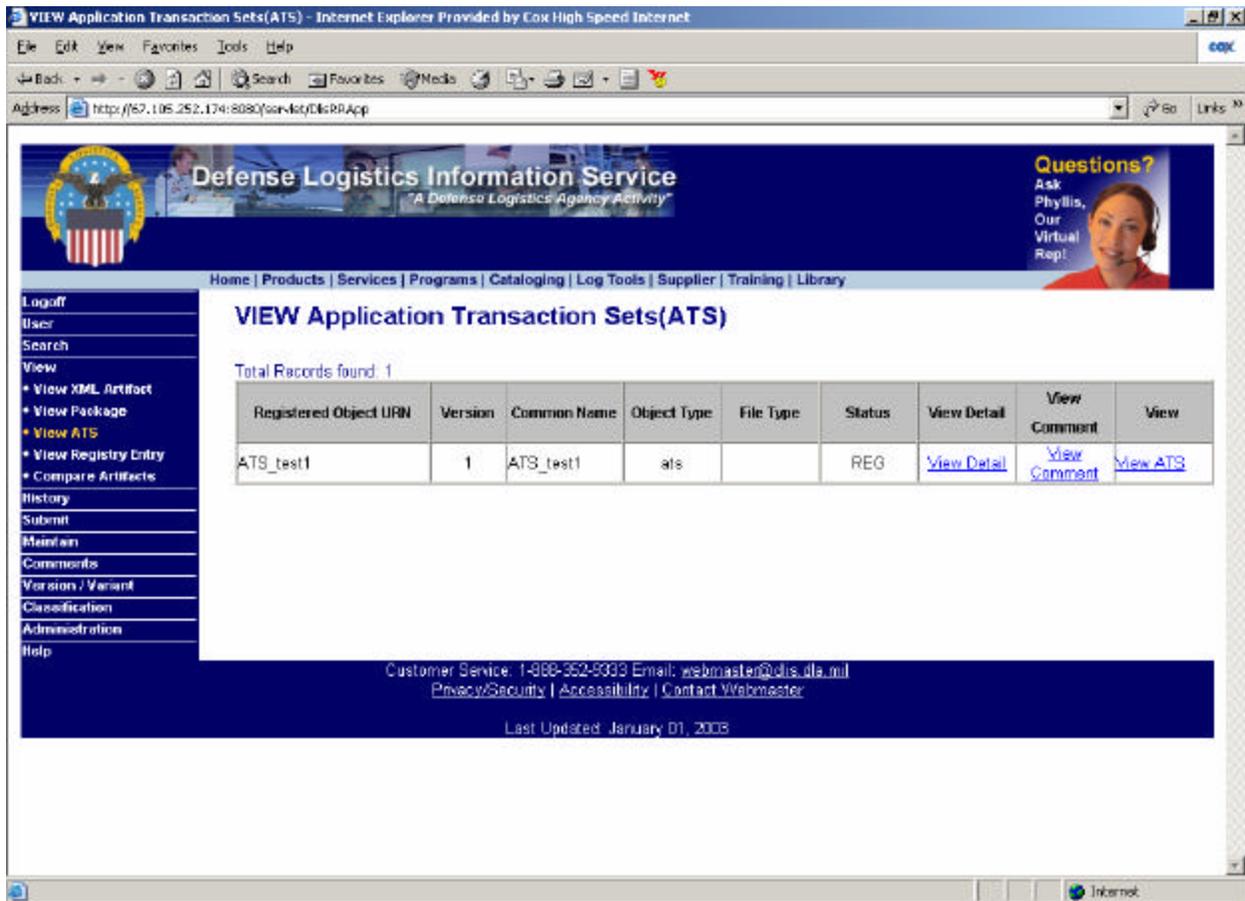


Figure 5.3.3-2 XRL-View ATS

- View a Description of an Application Transaction Set - If you choose to view a description of the application transaction set, you will click on the highlighted link titled "View Detail" and a new window will open containing a description of the application transaction set (Refer to Figure 5.3.1-3).
- View Comments related to the Application Transaction Set - If you choose to view comments related to the application transaction set, you will click on the highlighted link titled "View Comment" and a new window will open containing all comments related to that particular application transaction set (Refer to Figure 5.3.1-4).
- View the Application Transaction Set - If you choose to view the application transaction set, you will click the highlighted link titled "View ATS." This will open a new window containing the content of the application transaction set (See Figure 5.3.3-3).

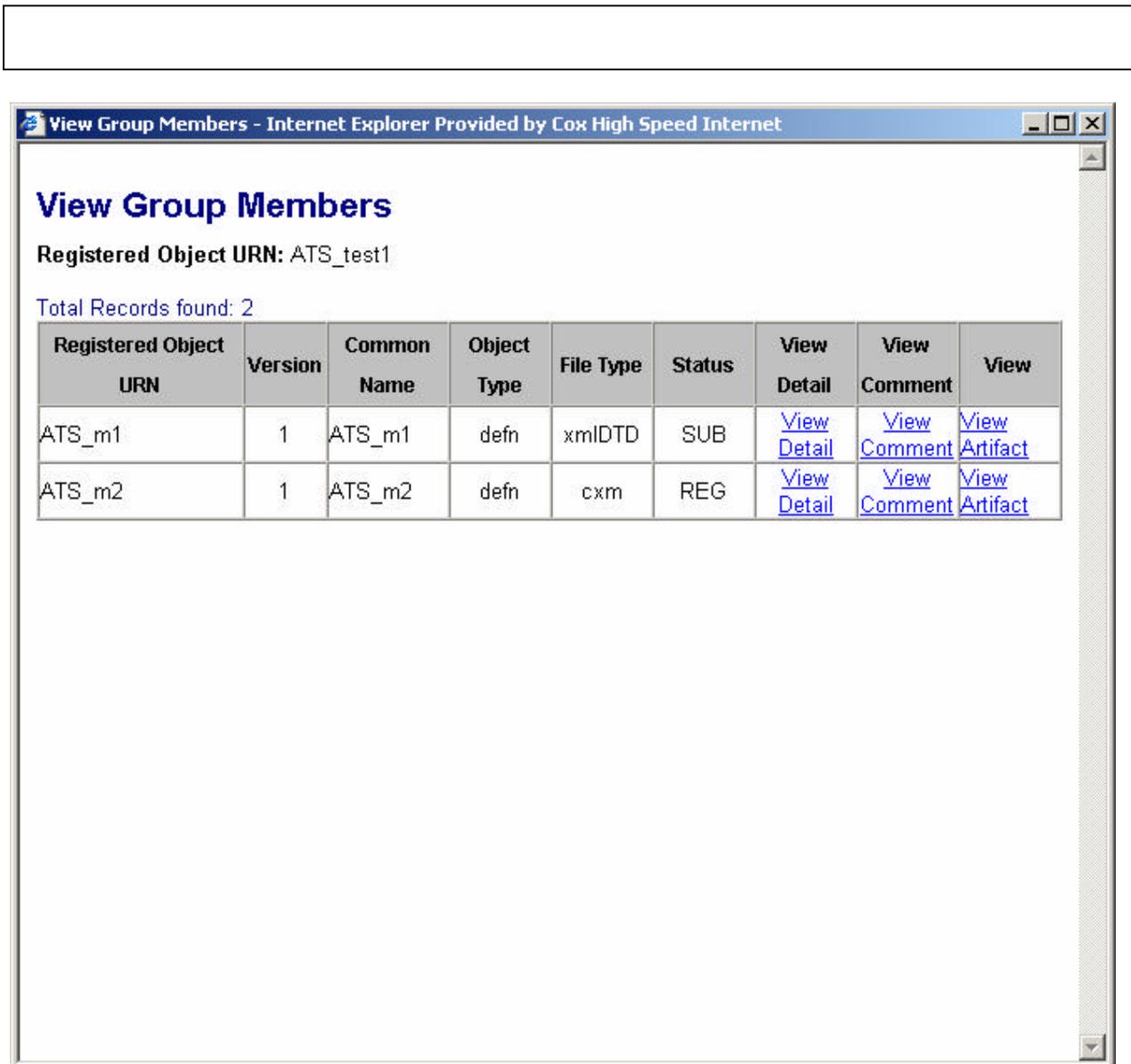


Figure 5.3.3-3 XRL-View ATS Members

#### 5.3.4. View Registry Entry

When you enter the view Registry Entry Screen, you can either:

Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.

Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses), then click "Go."

You will then be presented with a list of relevant artifacts, packages, and ATS in the registry. You will be given the option to:

- View a Description of a Registry Entry - If you choose to view a description of the Registry entry, you will click on the highlighted link titled "View Detail" and a new window will open containing a description of the Registry entry (Refer to Figure 5.3.1-3).
- View Comments related to the Registry Entry - If you choose to view comments related to the Registry entry, you will click on the highlighted link titled "View Comment" and a new window will open containing all comments related to that particular Registry entry (Refer to Figure 5.3.1-4).
- View the Registry Entry - If you choose to view the Registry entry you will click the highlighted link titled "View Artifact", "View ATS", "View Package" or "View External Artifact." This will open a new window containing the content of the Registry entry (Refer to Figure 5.3.1-5, 5.3.2-3, and 5.3.3-3).

### 5.3.5. Compare Two XML Artifacts

This function allows the user to compare the difference between two XML Artifacts.

Select two artifacts that you want to compare.

Click the *Compare Two XML Artifacts* button, and a report containing line-by-line comparison will display (See Figure 5.3.5-1).

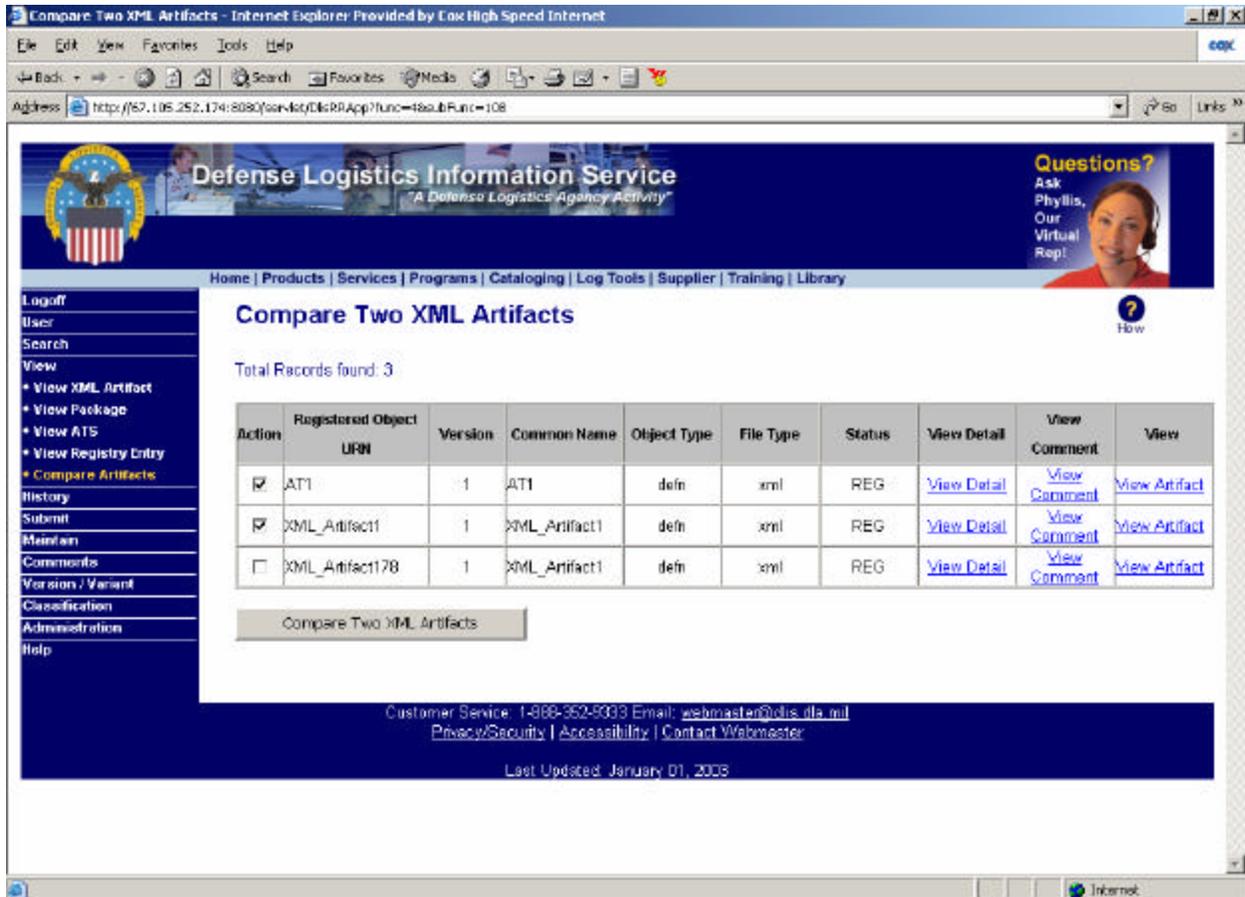


Figure 5.3.5-1 Compare Two Artifacts



Compare two XML artifact - Internet Explorer Provided by Cox High Speed Internet

## Compare Two XML Artifacts

aircraft\_inventory\_xml.xml VS airbase\_list\_xml.xml

[Print Report](#)

**Different element**  
aircraft\_inventory\_xml.xml : under *<?xml version="1.0" encoding="UTF-8"?>*  
*<AIRCRAFT>*  
airbase\_list\_xml.xml : under *<?xml version="1.0" encoding="UTF-8"?>*  
*<AIRBASE>*

**Different element**  
aircraft\_inventory\_xml.xml : under *<AIRCRAFT>*  
*<MODEL>*  
airbase\_list\_xml.xml : under *<AIRBASE>*  
*<BASE>*

**Different element**  
aircraft\_inventory\_xml.xml : under *<MODEL>*  
*<MODEL\_NAME>*  
airbase\_list\_xml.xml : under *<BASE>*  
*<BASE\_NAME>*

**Different Text**  
aircraft\_inventory\_xml.xml : under *<MODEL\_NAME>*  
AC-130H Spectre

Figure 5.3.5-2 Compare Two Artifacts

## 5.4. History (View Registry Item)

This function allows the user to keep up with the changes occurring against a particular object stored in the XRL (See Figure 5.4-1). The system will display the change in state of the object, the creation of a new version, and the posting of comments against the object.

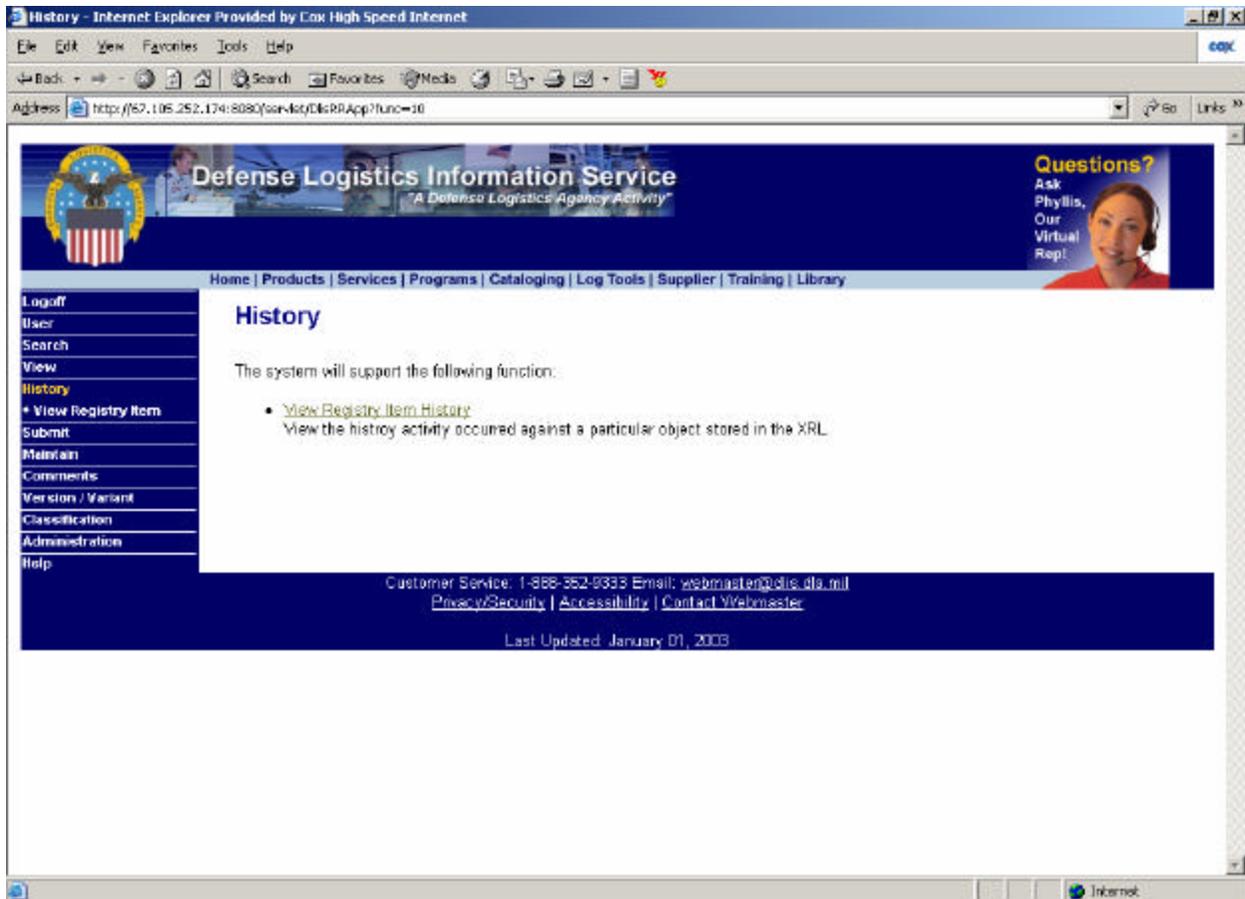


Figure 5.4-1 XRL-View History

Enter the Registered Object URN and click "GO" to locate the Registry Entry. You can also specify the Registration Status of the Registry Entry to retrieve the Registry Entry (See Figure 5.4-2).

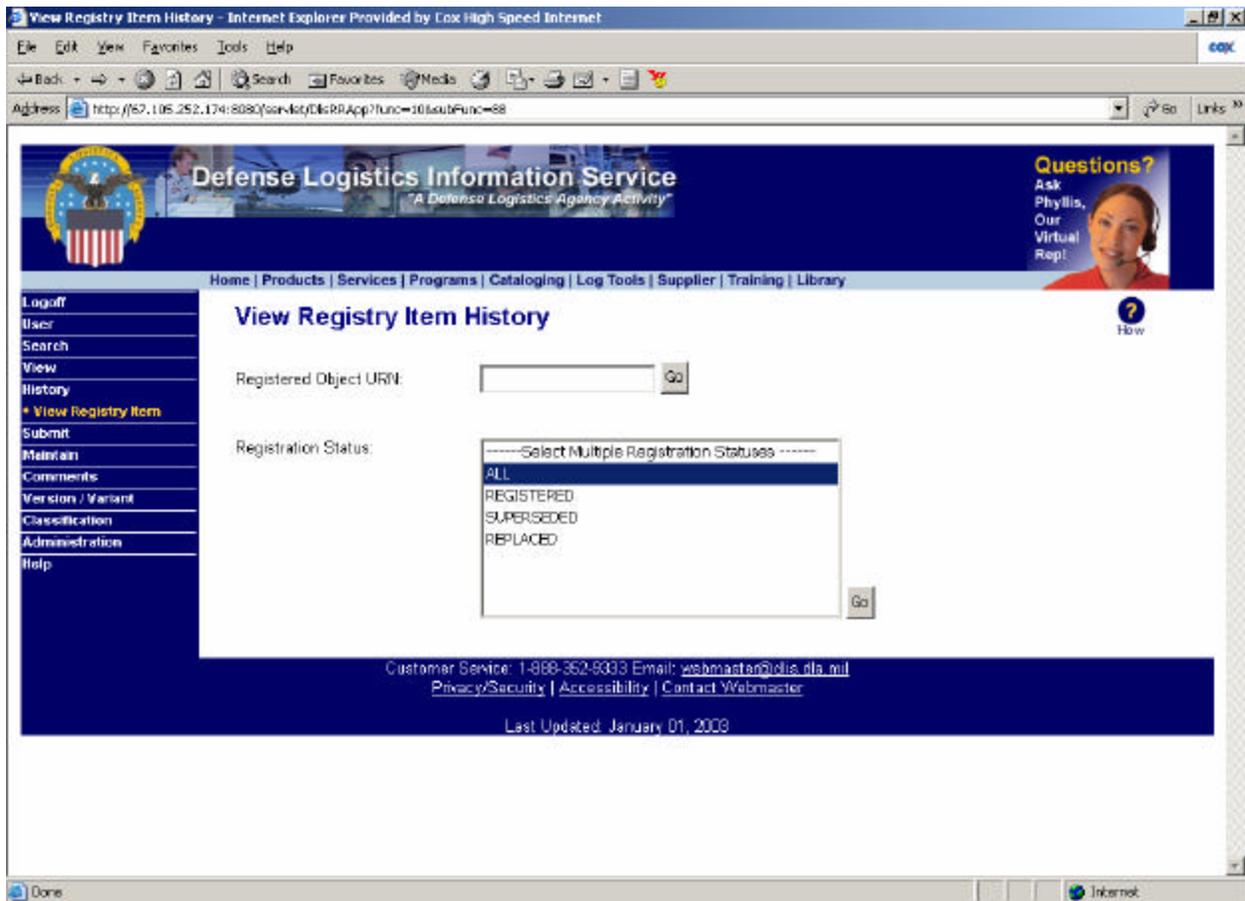


Figure 5.4-2 XRL-View History of Registry Entry

The system will return the matched Registry Entry or Entries (See Figure 5.4-3). Click the *View History* Link to see if there is any History activity regarding to this selected Registry Entry (See Figure 5.4-4).

The screenshot shows the 'View Registry Item History' page in Internet Explorer. The page header includes the DLIS logo and navigation links. A left sidebar contains a menu with options like 'Logoff', 'User', 'Search', and 'View Registry Item'. The main content area features a table with the following data:

Action	Registered Object URM	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">View History</a>	AT1	1	AT1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	ATS_m1	1	ATS_m1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	ATS_m2	1	ATS_m2	defn	cxm	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	ATS_test1	1	ATS_test1	ats		REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View ATS</a>
<a href="#">View History</a>	DTD1	1	DTD101	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	XML_Artifact1	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	XML_Artifact17B	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">View History</a>	pkg_11	1	pkg_1	pkg		REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Package</a>
<a href="#">View History</a>	test1	1	test1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>

At the bottom of the page, there is a footer with contact information: 'Customer Service: 1-888-862-0333 Email: webmaster@dalis.dla.mil' and links for 'Privacy/Security', 'Accessibility', and 'Contact Webmaster'.

Figure 5.4-3 XRL-View History of Registry Entry

Reg history - Internet Explorer Provided by Cox High Speed Internet

### View Registry Item History

Registered Object URN : ATS\_test1

Org Full Name	Timestamp	Action	Operation	IP	Host
DNC ADMINISTRATION	15-JAN-2003	Define Registry ATS	Add Registry Entry	67.105.252.174	67.105.252.174
DNC ADMINISTRATION	15-JAN-2003	Add Association	Add Association	67.105.252.174	67.105.252.174
DNC ADMINISTRATION	15-JAN-2003	Modify Registry Entry	Update Registry Entry	67.105.252.174	67.105.252.174

Figure 5.4-4 XRL-View History of Registry Entry

## 5.5. Submit

This function provides a user interface to submit XML artifacts, submit XML Packages, submit Application Transaction Set (ATS), create a Package from the existing artifacts, and create Application Transaction Sets (ATS) from the existing artifacts (See Figure 5.5-1).

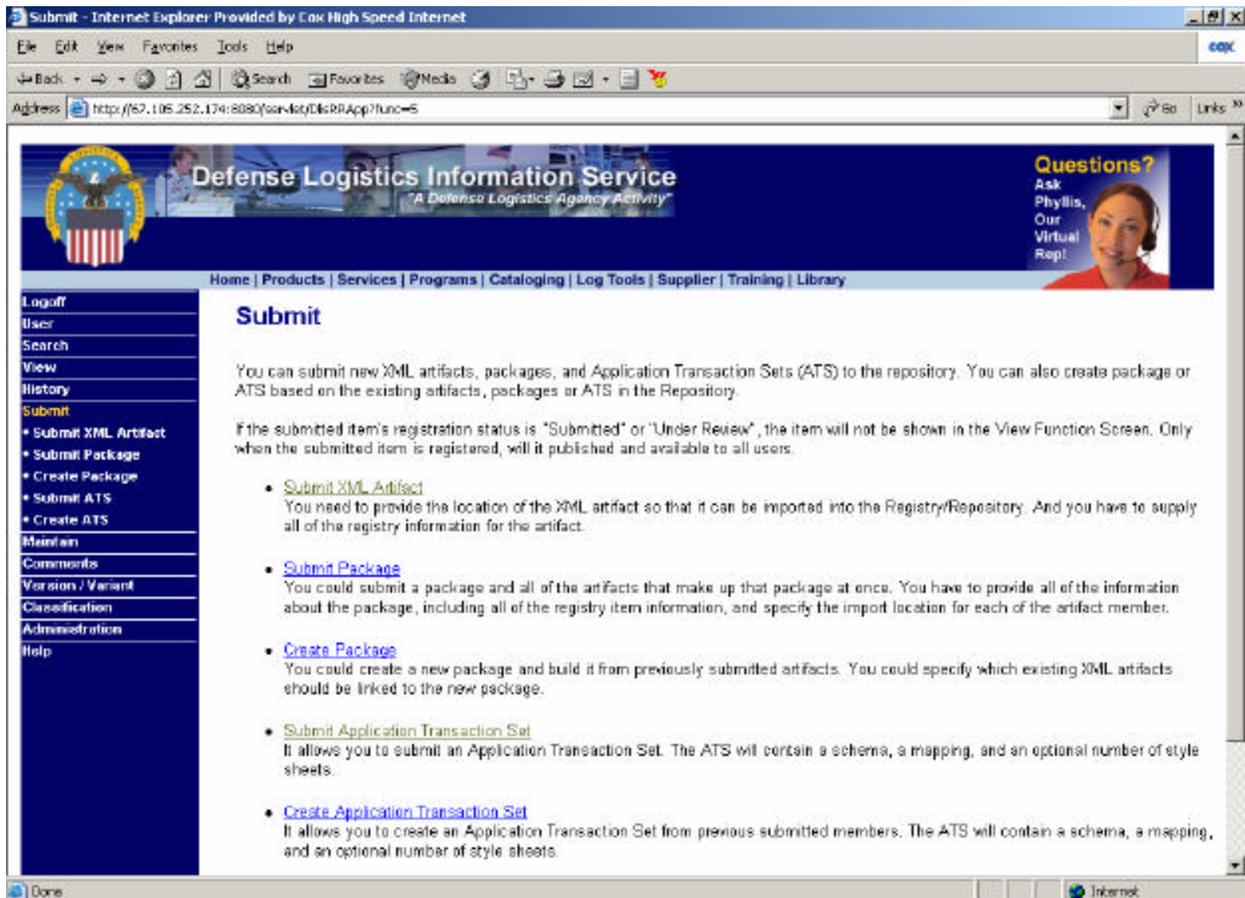


Figure 5.5-1 XRL-Submit

### 5.5.1. Submit XML Artifact

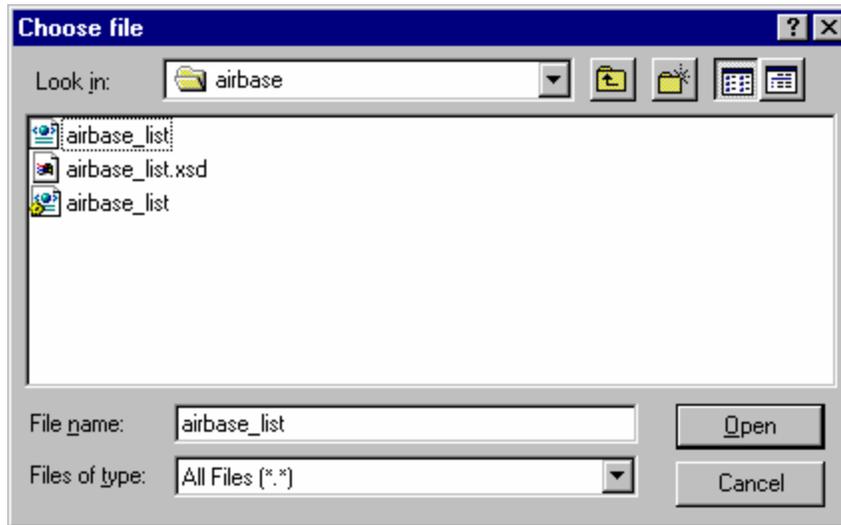
This function provides a user interface to submit XML Artifacts. When you enter the Submit XML Artifact Screen, you will be asked to supply relevant descriptive information about the artifact, such as (See Figure 5.5.1-1):

- Version: the version number of the artifact you wish to store
- File Type: whether the object you wish to store is an XML Data Type Definition, XML Document, XML Schema, or XML Style Sheet.
- A Short Description of the Artifact: description of the content of the data you wish to store in the XRL
- Registration Status: You can choose either submitted, under review or registered.
- Expiration Date: the date that the object you are submitting will expire.

Figure 5.5.1-1 XRL-Submit XML Artifact

You will then be given the option of either storing an item in the Registry or storing it externally.

If you choose to store the item in the XRL you will click the radio button to the left of the box titled "Object File", then you will click the button titled "Browse" located to the right of the object file box. You will then be given the ability to browse the files located on your computer and select the file you wish to store in the XRL (See Figure 5.5.1 -2).



**Figure 5.5.1-2 Select Artifact File**

If you choose to store the artifact externally, you will first click the radio button located to the left of the box titled "Object URL". You will then be required to enter the URL of the artifact you wish to register with the XRL system.

You will then click the button titled "Register" to register the Application Transaction Set in the Registry/Repository system, or the button titled "Reset," to clear all fields and start over from the beginning.

A successful message will display with the unique object URN (See Figure 5.5.1-3). If the Object URN entered by the user is not unique, the system will assign a unique URN and display a successful message screen (See Figure 5.5.1-4).

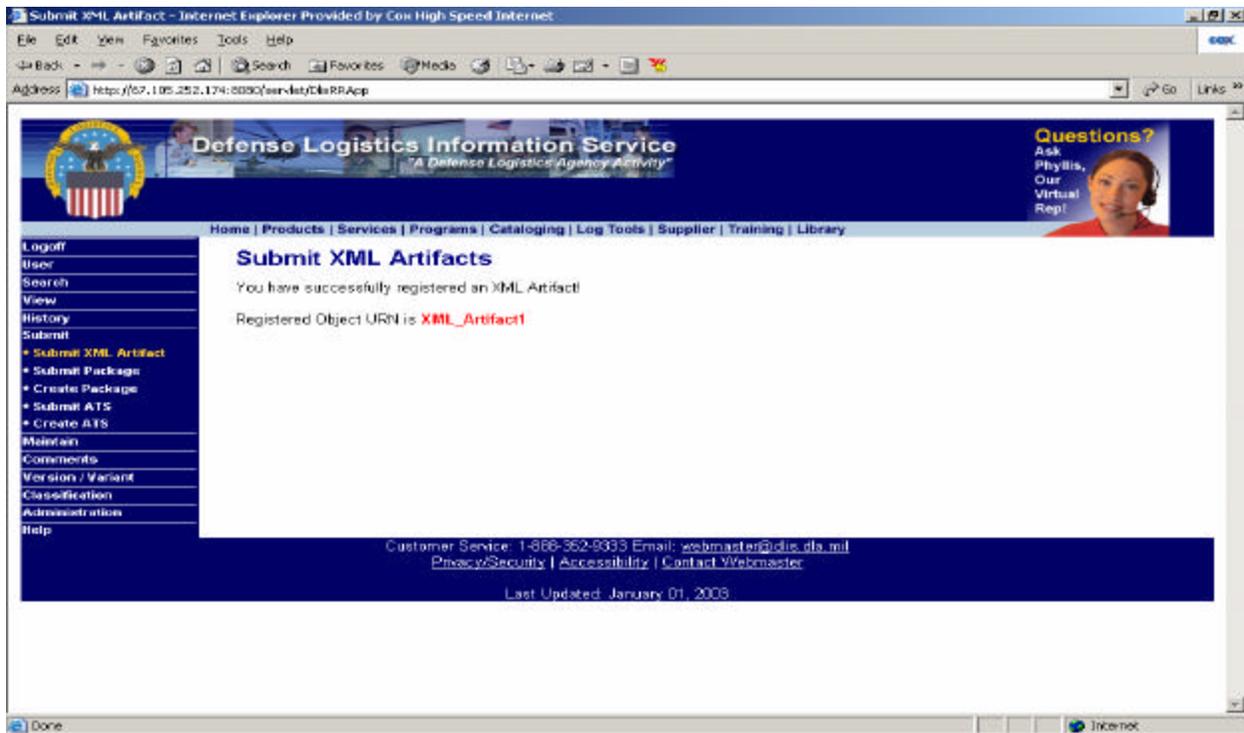


Figure 5.5.1-3 Submit XML Artifact Successful

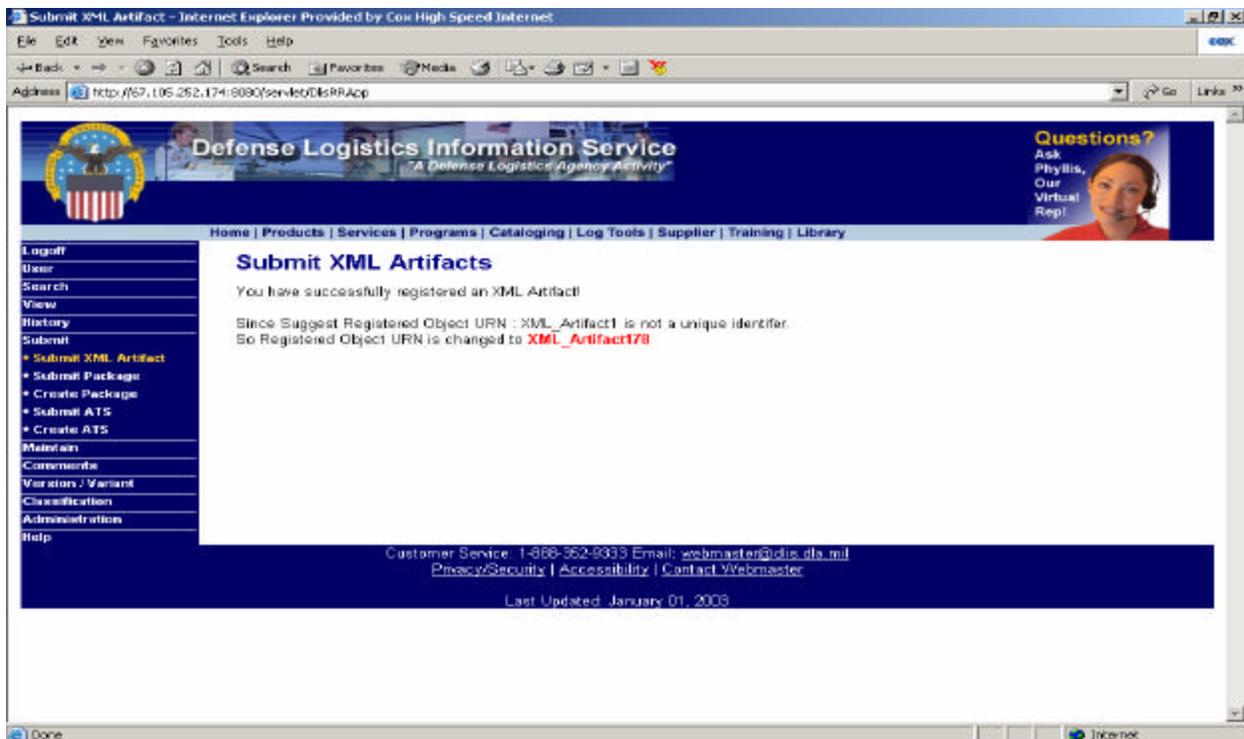


Figure 5.5.1-3 Submit XML Artifact

## 5.5.2. Submit Package

When you enter the Submit Package Screen, you will be asked to supply relevant descriptive information about the package such as Version, Object Type, File Type, Short Description of the Artifact, Registration Status, and Expiration date (See Figure 5.5.2-1).

In addition you will be asked to add the group members associated with the Package. Each Group Member will need to have a separate Registry Entry input (See Figure 5.5.2-2).

After you add all the Group Members that you want to include in your package, you will then click the button titled "Register" to register the Package in the XRL, or the button titled "Reset" to clear all fields and start over from the beginning (See Figure 5.5.2-3).

Submit Package - Internet Explorer Provided by Cox High Speed Internet

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Administration  
Help

### Submit Packages

Fields with \* are mandatory.

\* Object Common Name: Package2

\* Version: 1

\* Suggest Registered Object URN: Package2

\* Object Type: Registry Package

Short Description:

Keyword List: test package

\* Registration Status: SUBMITTED

Expiration Date: 1 / 15 / 2006 (MMDDYYYY)

ADD Group Members

Action	Suggest Registered Object URN	Version	Common Name	Object Type	File Type	Status
--------	-------------------------------	---------	-------------	-------------	-----------	--------

Register Reset

Figure 5.5.2-1 XRL-Submit Package

Add Member - Microsoft Internet Explorer
\_ □ ×

## Add Package Member

Fields with \* are mandatory.

---

\* Object Common Name:

\* Version:

\* Suggest Registered Object URN:

\* Object Type: Definition

\* File Type:

Short Description:

Keyword List:

Expiration Date:  /  /  (MM/DD/YYYY)

For Artifacts: To store an artifact in the Repository, click "Browse" to select the "Object File" name.  
To store an artifact externally, enter the "Object URL" below:

\*  Object File:

Object URL:

**Figure 5.5.2-2 XRL Submit Package (Add Group Member)**

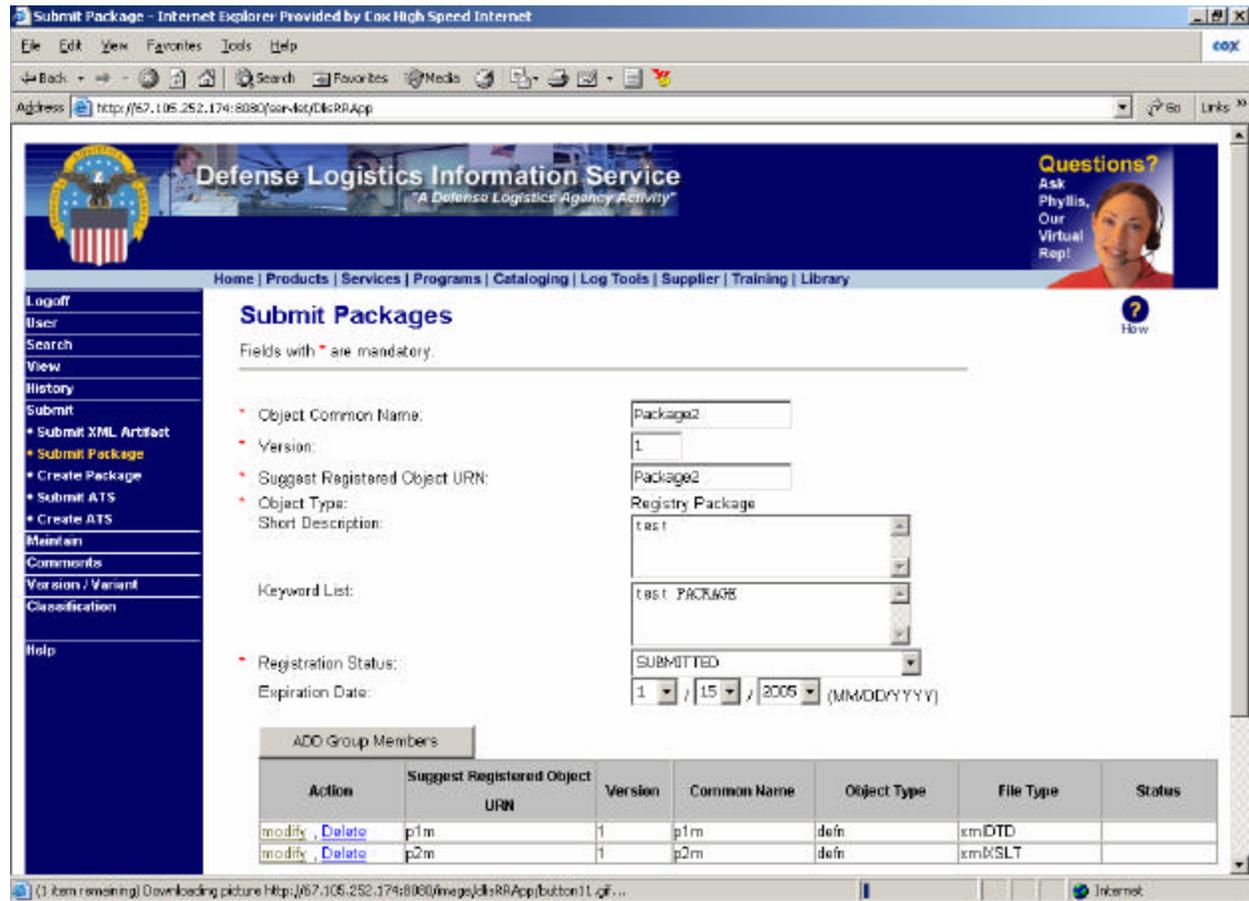


Figure 5.5.2-3 XRL-Submit Package

### 5.5.3. Create Package

This Function allows the user to create a package by grouping the existing Artifacts stored in the XRL.

When you enter the Create Package Screen, you will be asked to supply relevant descriptive information about the package you wish to create, such as Version, Object Type, File Type, Short Description of the Artifact, Registration Status, and Expiration date (See Figure 5.5.3).

In addition, you are given the opportunity to select Registered Objects to associate with the Package. Click the check box in front of the object that you want to include in your package. You will then click the button titled "Register" to register the Package in the Registry/Repository system or the button titled "Reset" to clear all fields and start over from the beginning.

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• **Create Package**  
• Submit ATS  
• Create ATS  
Maintain  
Comments  
Version / Variant  
Classification  
Administration  
Help

### Create Packages

Fields with \* are mandatory.

\* Object Common Name:

\* Version:

\* Suggest Registered Object URN:

\* Object Type: Registry Package

Short Description:

Keyword List:

\* Registration Status: SUBMITTED

Expiration Date: 1 / 15 / 2005 (MMDDYYYY)

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input type="checkbox"/>	pkg_11	1	pkg_1	pkg		REG	DNC ADMINISTRATION
<input type="checkbox"/>	test1	1	test1	defn	xmlDTD	REG	DNC ADMINISTRATION

Register Reset

Figure 5.5.3 XRL-Create Package

### 5.5.4. Submit Application Transaction Set (ATS)

This Function allows the user to submit an Application Transaction Set including a schema or DTD, a mapping, plus zero, one, or more style sheets.

When you enter the Submit ATS Screen, you will be asked to supply relevant descriptive information about the package such as the Version, Object Type, File Type, a short Description of the Artifact, the Registration Status, and an Expiration date (See Figure 5.5.4-1).

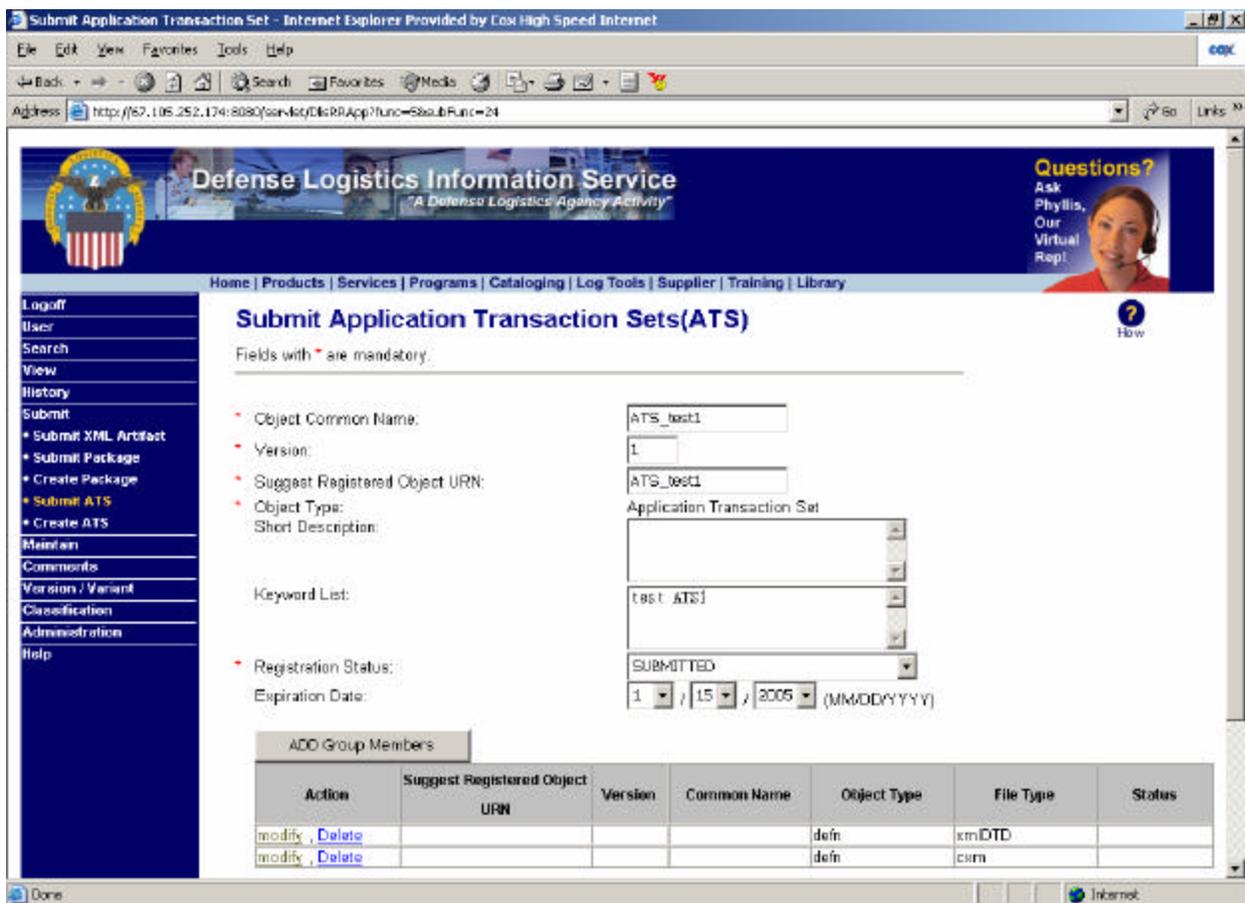


Figure 5.5.4-1 XRL-Submit ATS

In addition you will be asked to provide the ATS members associated with a ATS. Click *Modify* from the Group Member table to add the ATS Member (See Figure 5.5.4-1). An ATS is composed of a schema; a mapping, plus zero, one, or more style sheets. (See Figure 5.5.4-2).

**Add Member - Internet Explorer Provided by Cox High Speed Internet**

## Modify ATS Member

Fields with \* are mandatory.

\* Object Common Name:

\* Version:

\* Suggest Registered Object URN:

\* Object Type: Definition

\* File Type:

Short Description:

Keyword List:

Expiration Date:  /  /  (MM/DD/YYYY)

For Artifacts: To store an artifact in the Repository, click "Browse" to select the "Object File" name. To store an artifact externally, enter the "Object URL" below:

\*  Object File:   Old File:

Object URL:

Figure 5.5.4-2 XRL-Submit ATS member

After you add the ATS members, you will then click the button titled "Register" to register the Package in the Registry/Repository system or the button titled "Reset" to clear all fields and start over from the beginning (See Figure 5.5.4-3).

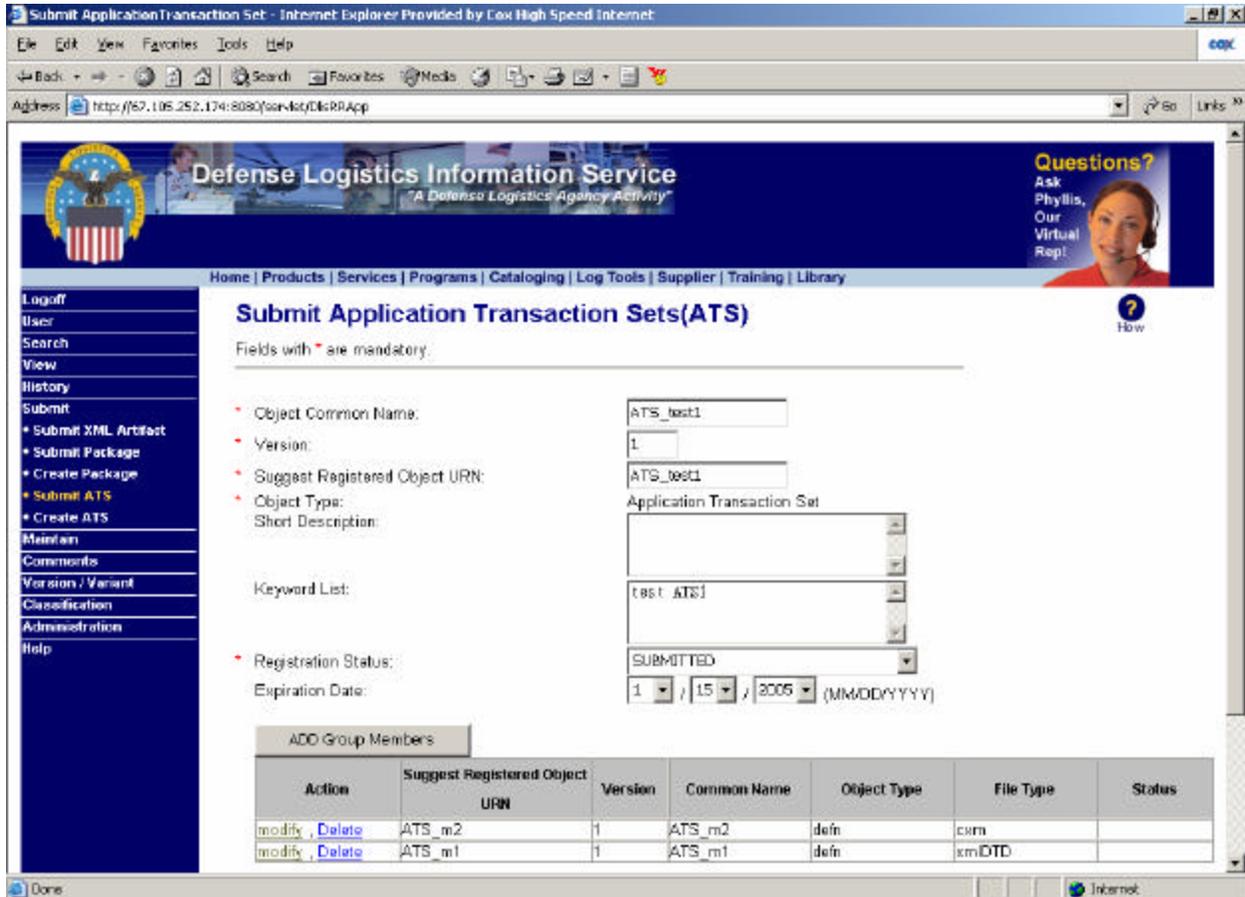


Figure 5.5.4-3 XRL-Submit ATS

A message with the Registered Object URN will display if the submission is successful (See Figure 5.5.4-4).

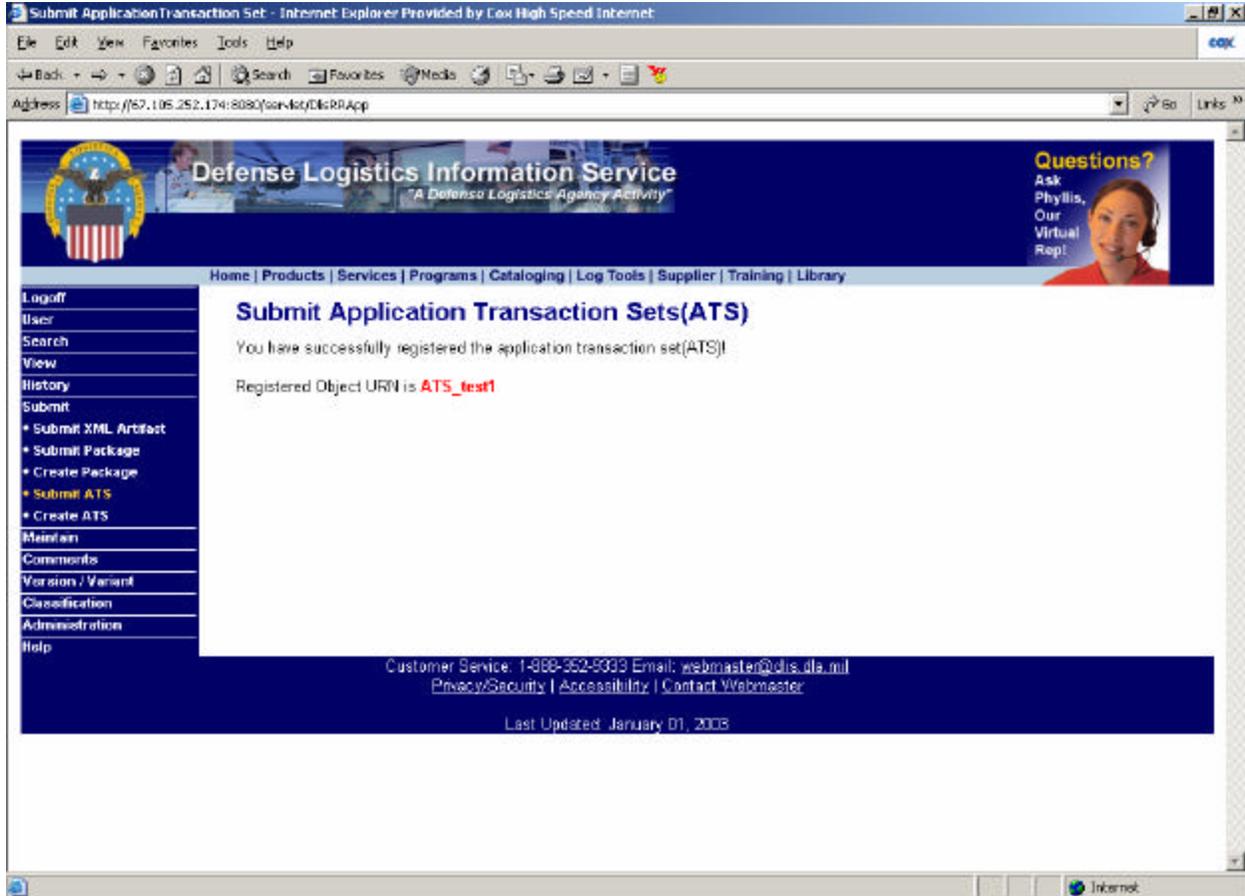


Figure 5.5.4-4 XRL-Submit ATS (Successful Message)

### 5.5.5. Create Application Transaction Set

This Function allows the user to create an Application Transaction Set (ATS) by choosing from the existing artifacts stored in the system. The components needed to create an ATS are a schema, a mapping, plus zero, one, or more style sheets. All of the components have been stored in the system.

When you enter the Create ATS Screen, you will be asked to supply relevant descriptive information about the ATS package you wish to create, such as Version, Object Type, File Type, a Short Description of the Artifact, the Registration Status, and the Expiration date (See Figure 5.5.5).

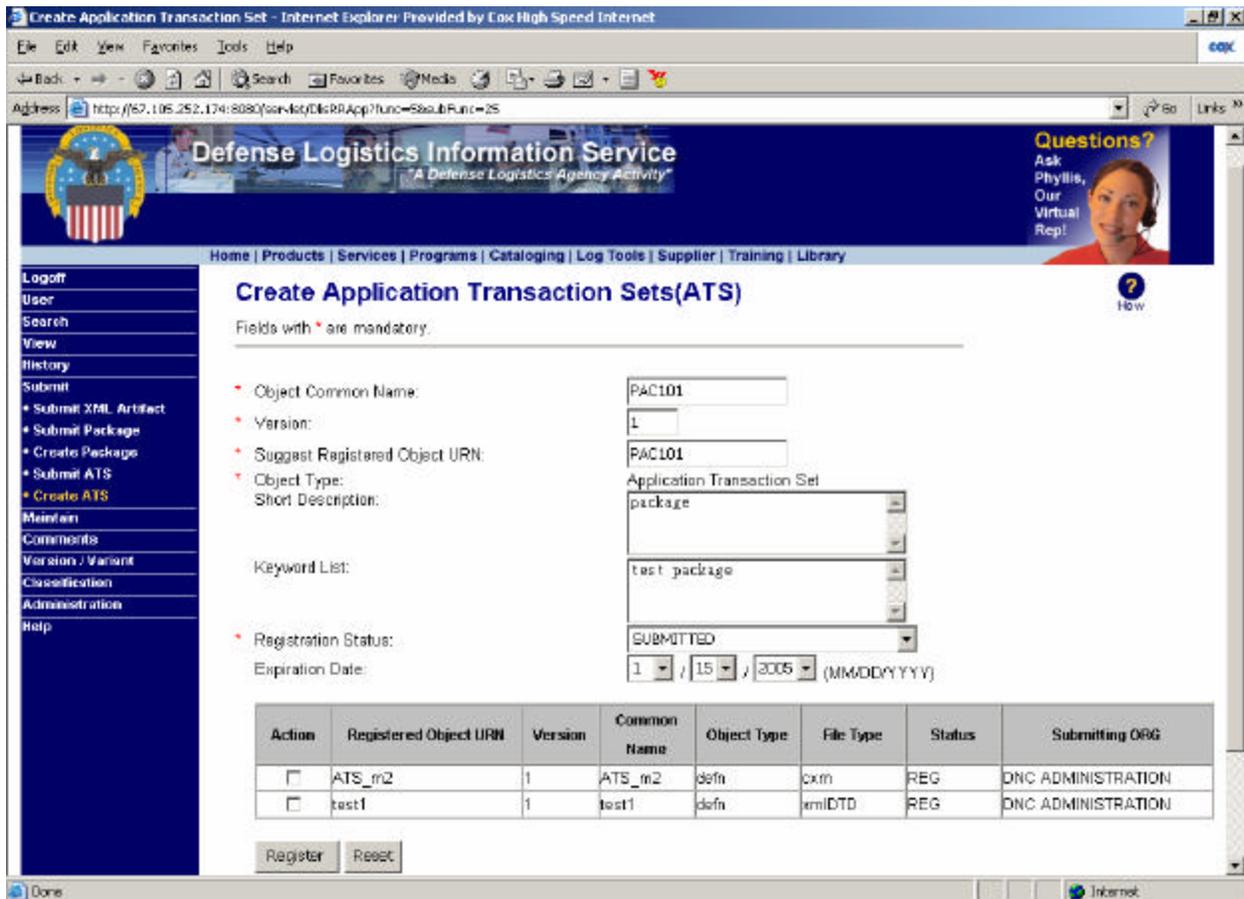


Figure 5.5.5 XRL-Create ATS

In addition, you are given the opportunity to select the Registered Objects to associate with the ATS Package. You will need to at least include one XML Schema or DTD, one Mapping, and maybe one or more Style sheets. You will then click the button titled "Register" to register the Package in the Registry/Repository system, or the button titled "Reset" to clear all fields and start over from the beginning.

## 5.6. Maintain

The Maintain Function provides a user interface to maintain artifacts in the XRL. The user can maintain Registry Information as well as Repository Information regarding to Registry Entries, Package, and ATS.

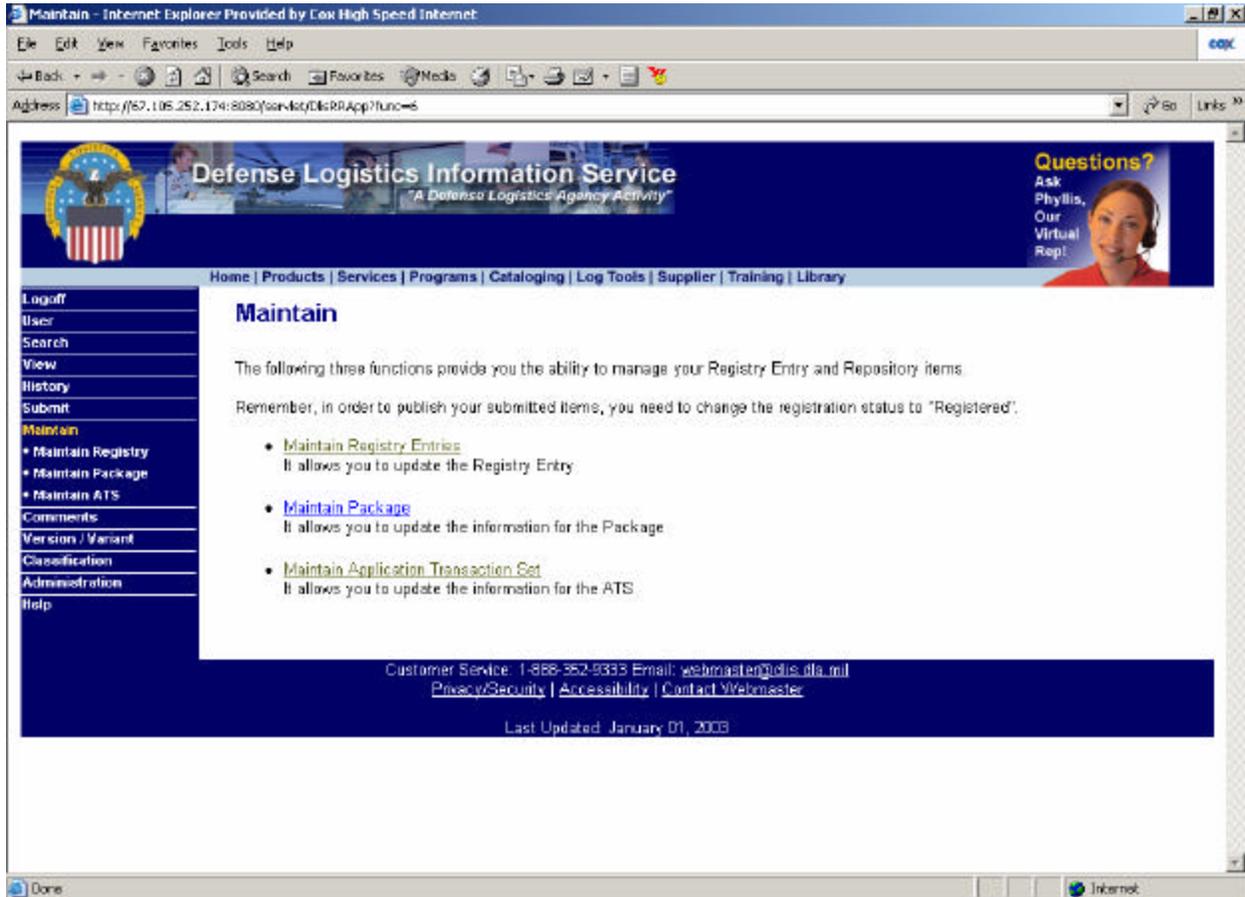


Figure 5.6 XRL-Maintain

### 5.6.1. Maintain Registry Entries

The Maintain Registry Entries screen allows you to update Registry Entries. When you enter the Maintain Registry Entries screen, you will see a table of information about registered objects (See Figure 5.6.1-1). Clicking in the "View Artifact" column for the desired object will bring up the artifact in a new window. You can also choose to update the registry, update the repository, or delete the registry.

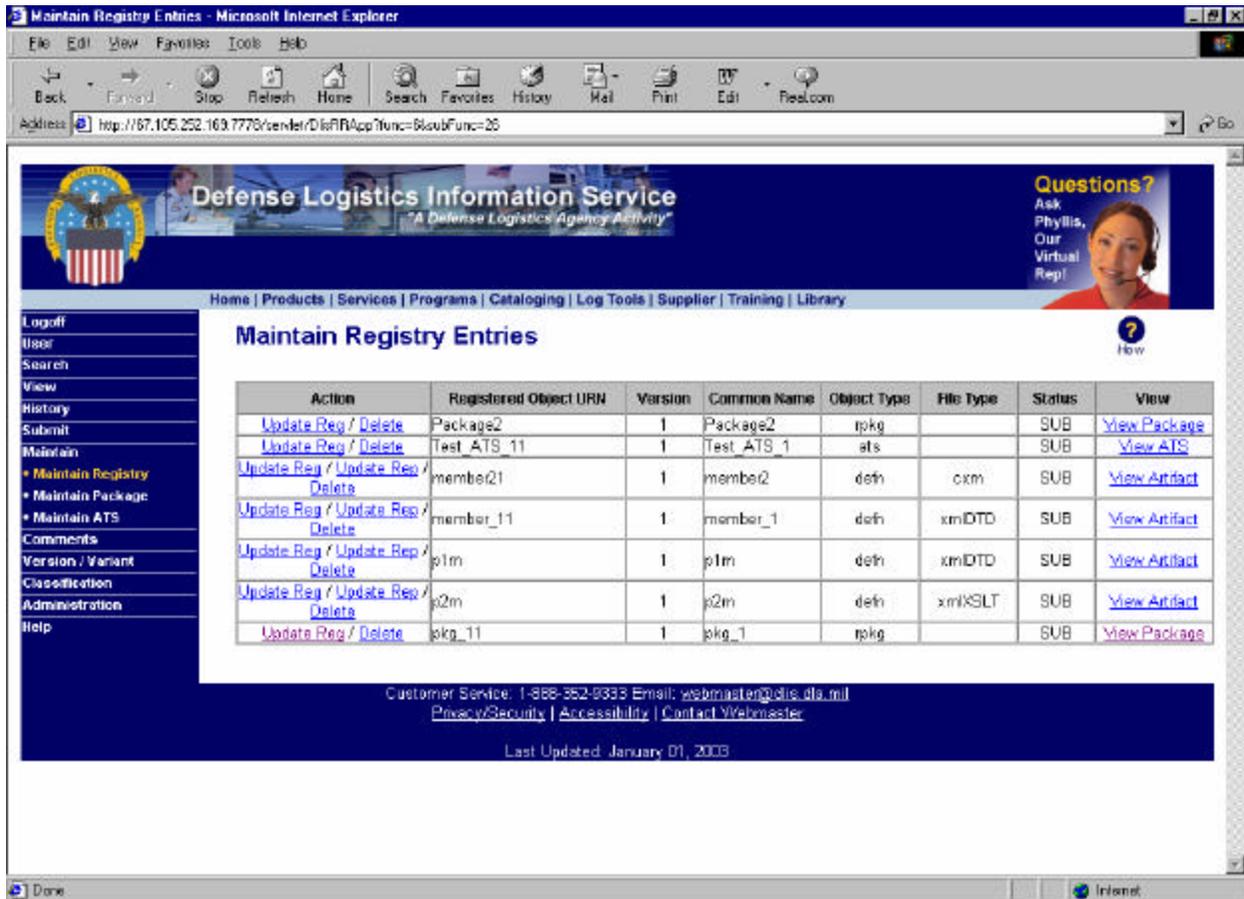


Figure 5.6.1-1 XRL-Maintain Registry Entries

Click on "Update Reg", then a new window containing current Registry Entry information for the object will display (See Figure 5.6.1-2). There are a number of fields that you can edit; press "Reset" at any time to return all fields to their original values. This screen also allows you to change the registration status for the registry entry. Once you change the registration status to "Registered", (which means that no more modification regarding this version of the registry will be made in the future), the registry entry will be available for other users. When you've finished, click "Modify" -- you will be notified that the modification was successful.

**Maintain Registry Entry**

Fields that have \* in front of them are mandatory.

\* Registered Object URN: Test\_ATS\_11

\* Common Name: Test\_ATS\_1

\* Version: 1

\* Object Type: Application Transaction Set

\* File Type:

Short Description: test

Keyword List: test

\* Registration Status: SUBMITTED

Expiration Date: 1 / 15 / 2005 (MM/DD/YYYY)

\* Submitting ORG Full Name: DNC ADMINISTRATION

\* Responsible ORG Full Name: DNC ADMINISTRATION

Modify Reset

Figure 5.6.1-2 XRL-Maintain Registry Entry



Click on "Update Rep", then a new window containing the original file that the given Registered Object URN was associated with will display (See Figure 5.6.1-3). Click the "Object File" field and select a new file by clicking the *Browse* button. If you want to use the external URL, click on the "Object URL" field and type the URL. When you've finished, click "Modify" and you will be notified that the modification was successful.

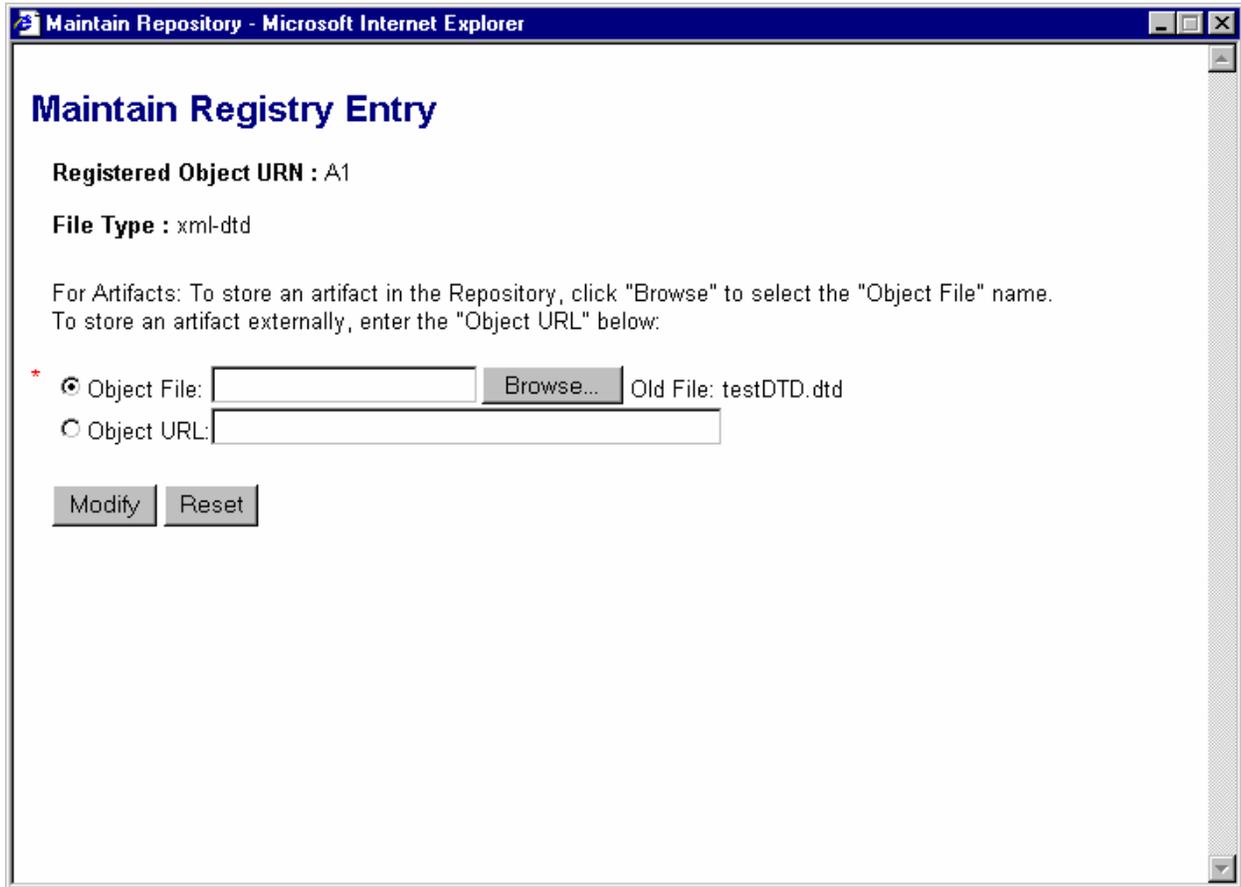


Figure 5.6.1-3 XRL-Maintain Registry Entry

Click "Delete" to remove the registry entry. A message will show to confirm the deletion. All the associated repository entries will also be deleted (See Figure 5.6.1-4).

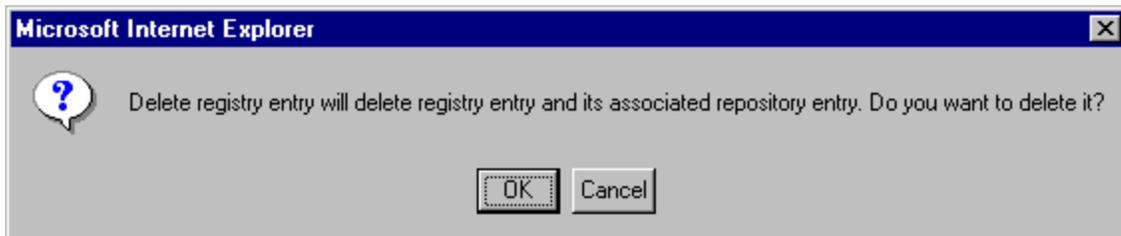


Figure 5.6.1-4 XRL-Maintain Registry Entry (Delete)

## 5.6.2. Maintain Package

The Maintain Package screen allows you to update the Package you have submitted or created.

When you enter the Maintain Package screen, you will see a table of available packages (See Figure 5.6.2-1). Click on "Update Members" to update the members of this package (See Figure 5.6.2-2). Click on "View Package" to view the group members that make up this package (See Figure 5.6.2-3).

The screenshot shows the 'Maintain Packages' page in Microsoft Internet Explorer. The browser address bar shows the URL: <http://67.105.252.163:7778/xenel/DiskRApp?func=6&subFunc=50>. The page header includes the 'Defense Logistics Information Service' logo and a 'Questions?' section with a virtual representative. The main content area is titled 'Maintain Packages' and contains a table with the following data:

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	View
<a href="#">Update Members</a>	Package2	1	Package2	rpkg		SUB	<a href="#">View Package</a>
<a href="#">Update Members</a>	pkg_11	1	pkg_1	rpkg		SUB	<a href="#">View Package</a>

The footer of the page provides contact information: Customer Service: 1-888-262-9033, Email: [webmaster@dlis.dla.mil](mailto:webmaster@dlis.dla.mil), and links for Privacy/Security, Accessibility, and Contact Webmaster. The page was last updated on January 01, 2003.

Figure 5.6.2-1 XRL-Maintain Package

**Select Registry List**

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input checked="" type="checkbox"/>	member1	3	member1	defn	xml	reg	DNC ADMINISTRATION
<input checked="" type="checkbox"/>	member2	1	member2	defn	xmlDTD	reg	DNC ADMINISTRATION
<input type="checkbox"/>	EvanTest1	1	EvanTest	defn	xml	reg	DNC ADMINISTRATION
<input type="checkbox"/>	test08201	1	test0820	rpkg		reg	DNC ADMINISTRATION
<input type="checkbox"/>	testSchema21	1	testSchema2	defn	xmlSchema	sup	DNC ADMINISTRATION
<input type="checkbox"/>	testUserSchema11	1	testUserSchema1	defn	xmlSchema	reg	test
<input type="checkbox"/>	adminCreatePkg21	1	testUserCreatPkg1	rpkg		sup	DNC ADMINISTRATION
<input type="checkbox"/>	ATS_M2	1	ATS_M2	defn	xmp	reg	DNC ADMINISTRATION
<input type="checkbox"/>	schema1153	1	schema1	defn	xmlSchema	sup	DNC ADMINISTRATION
<input type="checkbox"/>	dododo1.a	1.a	dododo	defn	xml	reg	IBM
<input type="checkbox"/>	fgfh1	1	fgfh	defn	xml	reg	DNC ADMINISTRATION
<input type="checkbox"/>	testPackage11	1	testPackage1	rnkg		sup	DNC ADMINISTRATION

Figure 5.6.2-2 XRL-Maintain Package (Update Member)

**View Group Members**

Registered Object URN: G\_P

Total Records found: 2

Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
member1	3	member1	defn	xml	reg	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
member2	1	member2	defn	xmlDTD	reg	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>

Figure 5.6.2-3 XRL-Maintain Package (View Package)

### 5.6.3. Maintain Application Transaction Set

The Maintain ATS screen allows you to update the Application Transaction Set you have submitted or created.

When you enter the Maintain ATS screen, you will see a table of available packages (See Figure 5.6.3-1). Click on "Update Members" to update members of this package (See Figure 5.6.3-2). Click on "View ATS" to view the group members that make up this package (See Figure 5.6.3-3).

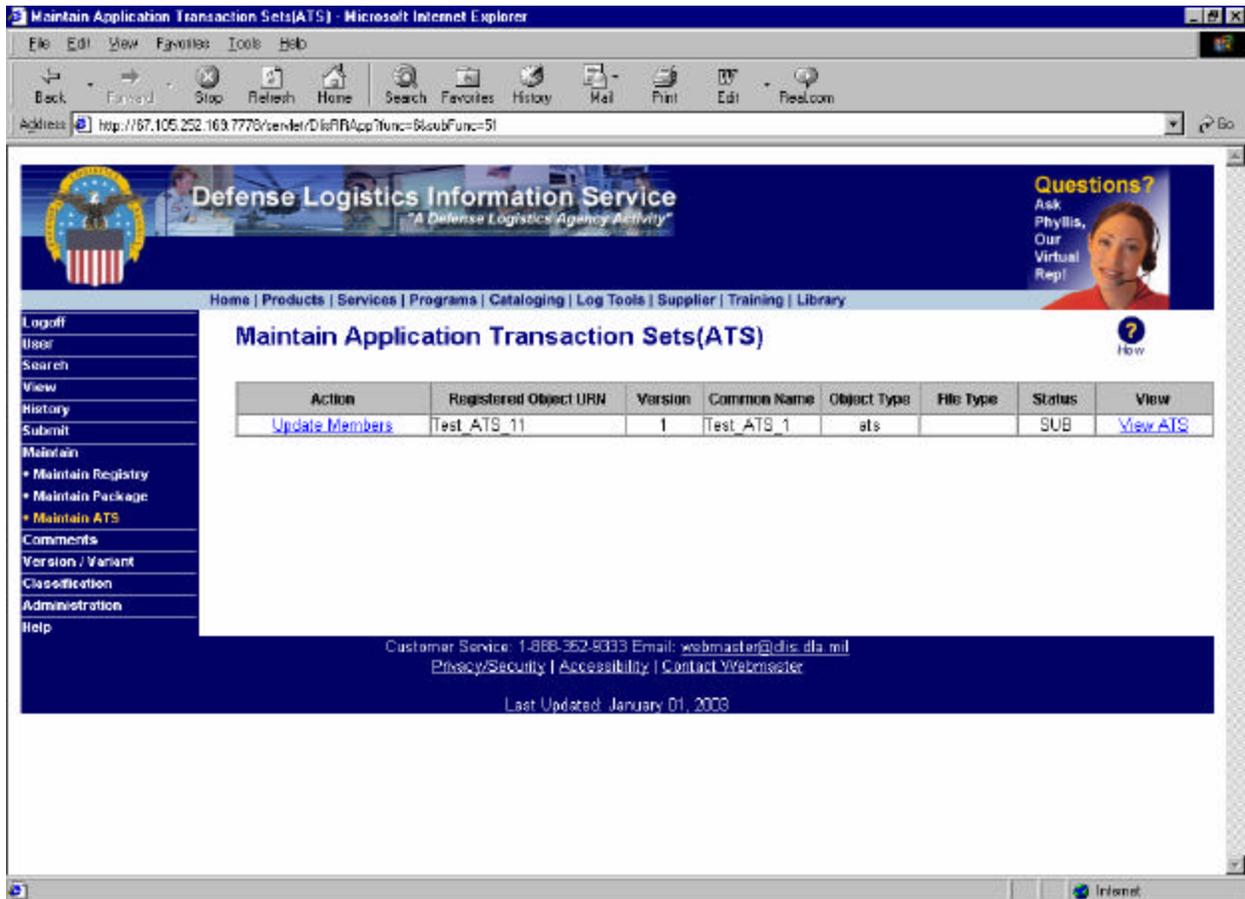


Figure 5.6.3-1 XRL-Maintain Application Transaction Set

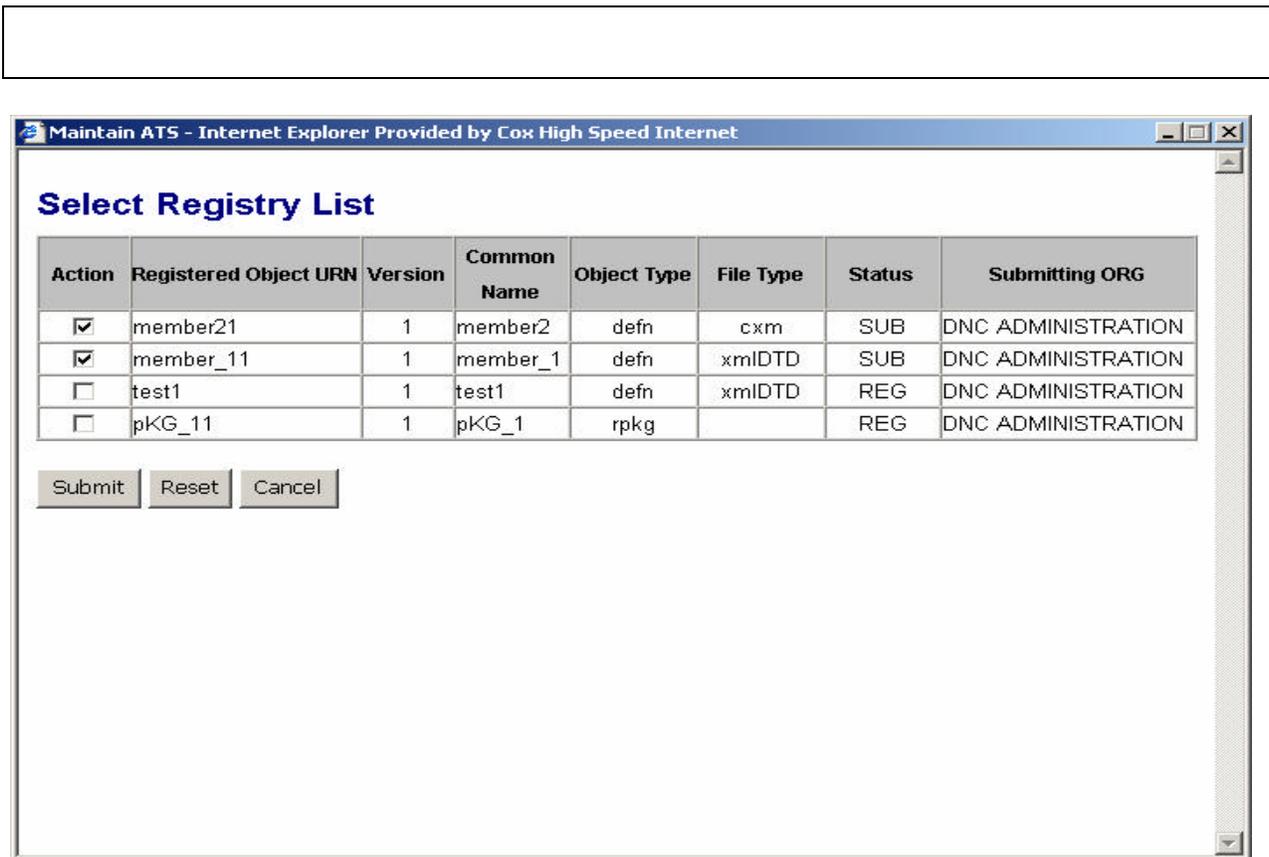


Figure 5.6.3-2 XRL-Maintain Application Transaction Set (Update Members)

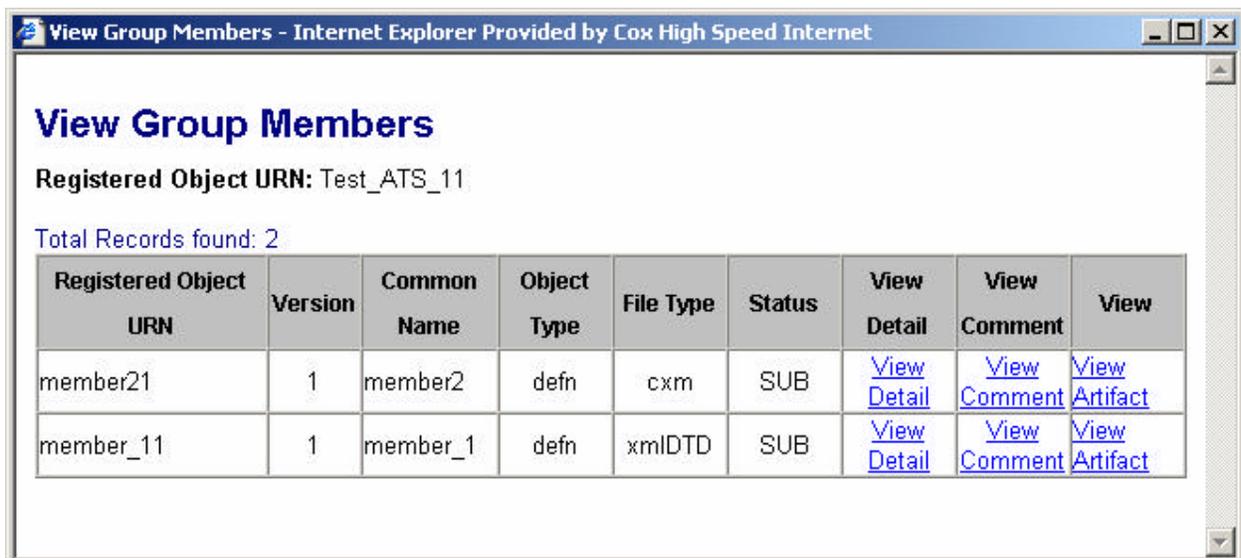


Figure 5.6.3-3 XRL-Maintain Application Transaction Set (View ATS members)

## 5.7. Comments

The Comments Function provides a user interface to view, post, modify, or delete comments regarding the Registry Entry (See Figure 5.7).

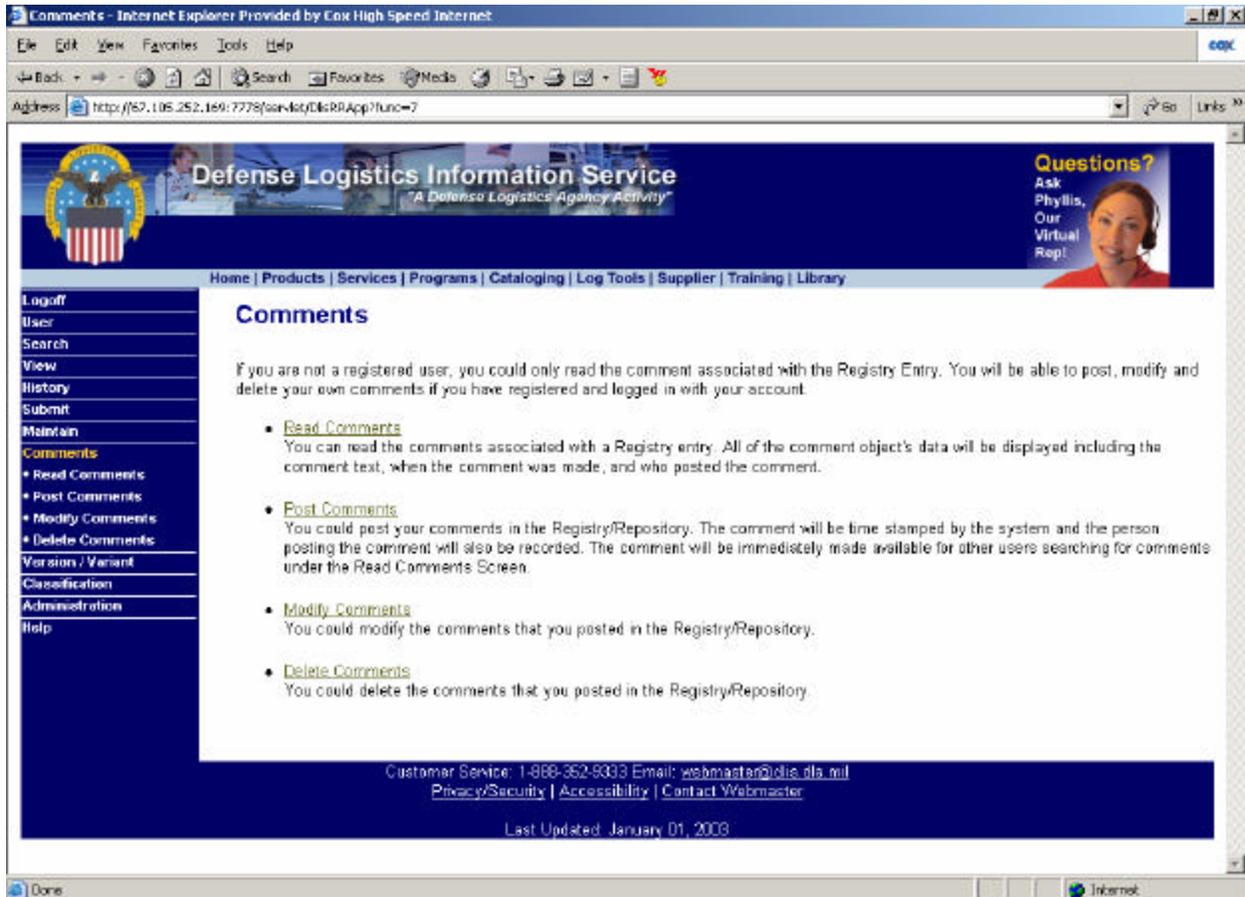


Figure 5.7 XRL-Comments Screen

### 5.7.1. Read Comments

The Read Comments screen allows you to read existing comments.

When you enter the Read Comments screen, you can either (See Figure 5.7.1-1):

- Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.
- Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses). Now click the adjacent "Go" button.

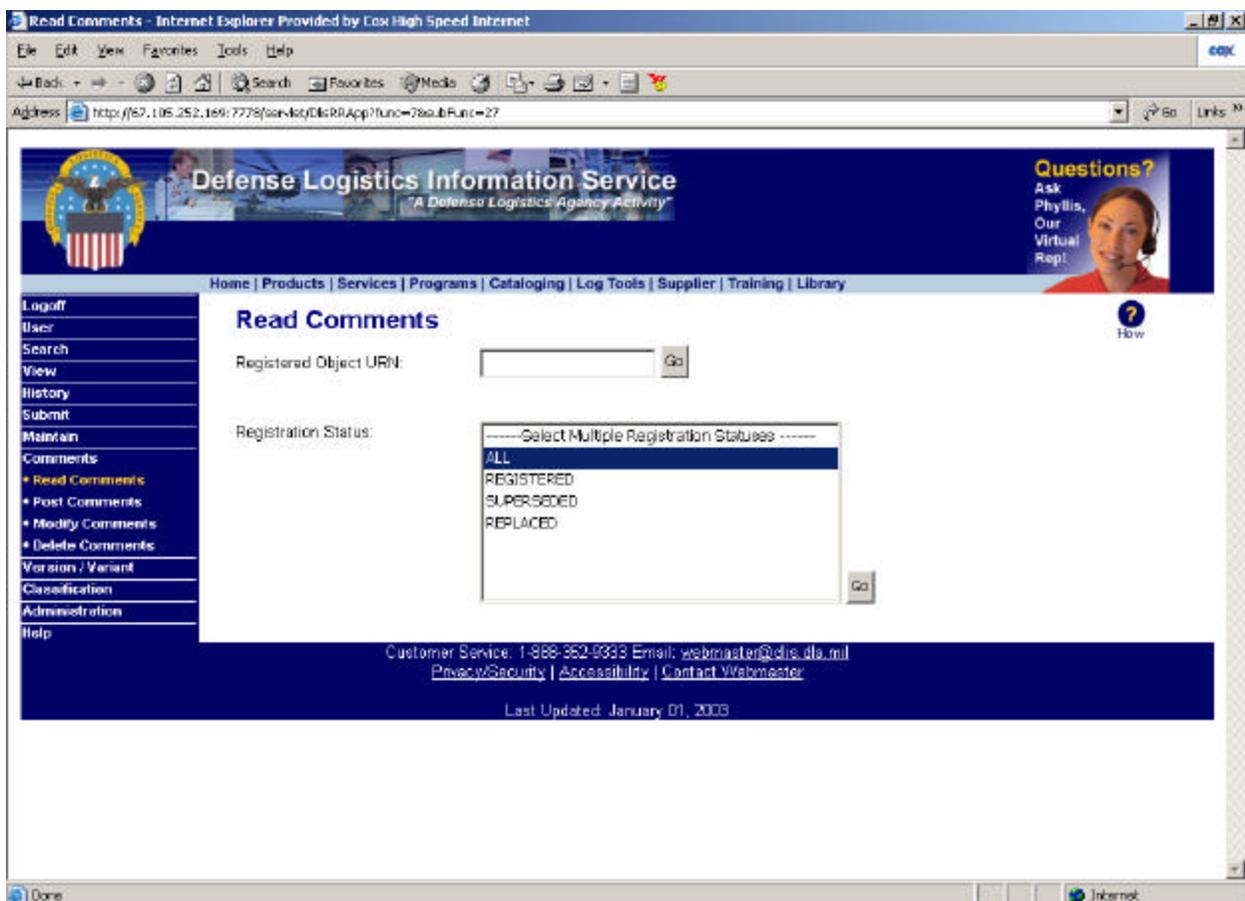


Figure 5.7.1-1 XRL-Read Comments

Next you will see a table of information about the selected object(s) (See Figure 5.7.1-2). Click on "View Comment" next to the desired object; a new window will open up, with all comments for that object listed, along with the comment's creator and date created (See Figure 5.7.1-3).

**Defense Logistics Information Service**  
 "A Defense Logistics Agency Activity"

Home | Products | Services | Programs | Cataloging | Log Tools | Supplier | Training | Library

**Read Comments**

Action	Registry Name	Version	Object Type	File Type	Status	Submitting ORG
<a href="#">View Comment</a>	AT1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	ATS_m1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	ATS_m2	1	defn	cxml	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	ATS_test1	1	ats		REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	DTD1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	XML_Attract1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	XML_Attract178	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	pkg_11	1	rpkg		REG	DNC ADMINISTRATION
<a href="#">View Comment</a>	test1	1	defn	xmlDTD	REG	DNC ADMINISTRATION

Customer Service: 1-888-952-9393 Email: [webmaster@dlis.dla.mil](mailto:webmaster@dlis.dla.mil)  
[Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#)

Last Updated: January 01, 2008

Figure 5.7.1-2 XRL-Read Comments



Figure 5.7.1-3 XRL-Read Comments

## 5.7.2. Post Comments

The Post Comments screen allows you to create new comments.

When you enter the Post Comments screen, you can either (See Figure 5.7.2-1):

- Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.
- Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses). Now click the adjacent "Go" button.

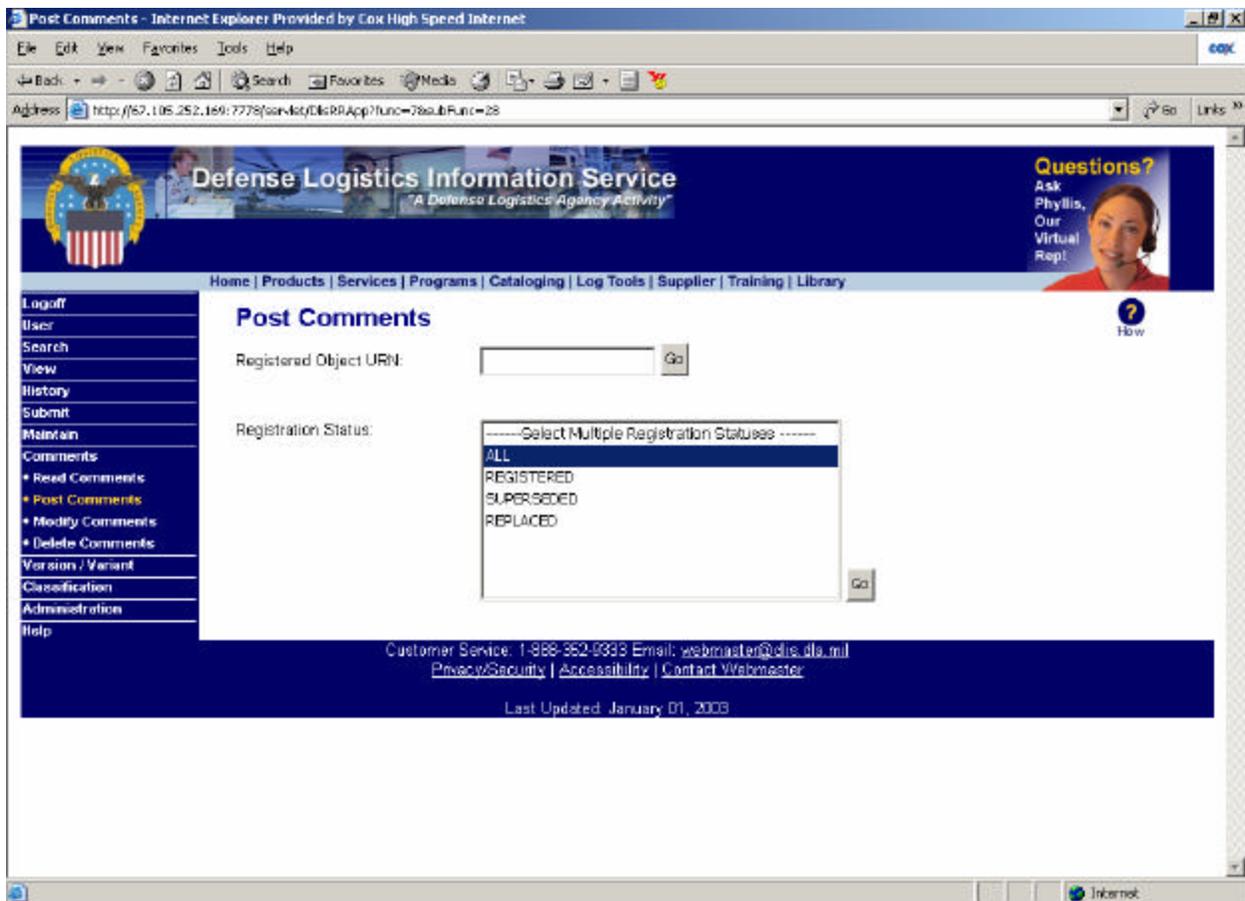


Figure 5.7.2-1 XRL-Post Comments

Next you will see a table of information about the selected object(s) (See Figure 5.7.2-2). Click on "Post Comment" next to the desired object; a new window will open up, with a text box in which to enter your new comment (See Figure 5.7.2-3). Click "Post" when you're finished to add the new comment (you can click "Reset" at any time to clear the text box); you will be notified that the comment has been posted successfully.

The screenshot shows the 'Post Comments' page on the Defense Logistics Information Service website. The page header includes the DLIS logo and a navigation menu with links for Home, Products, Services, Programs, Cataloging, Log Tools, Supplier, Training, and Library. A sidebar on the left provides navigation options such as Logoff, User, Search, View, History, Submit, Maintain, Comments, Read Comments, Post Comments, Modify Comments, Delete Comments, Version / Variant, Classification, Administration, and Help. The main content area displays a table of registry entries with the following data:

Action	Registry Name	Version	Object Type	File Type	Status	Submitting ORG
<a href="#">Post Comment</a>	AT1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	ATS_m1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	ATS_m2	1	defn	cxml	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	ATS_test1	1	ats		REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	DTD1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	XML_Artifact1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	XML_Artifact178	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	pkg_11	1	pkg		REG	DNC ADMINISTRATION
<a href="#">Post Comment</a>	test1	1	defn	xmlDTD	REG	DNC ADMINISTRATION

At the bottom of the page, there is contact information for Customer Service (1-888-352-9393), an email address (webmaster@dlis.dla.mil), and links for Privacy/Security, Accessibility, and Contact Webmaster. The page was last updated on January 01, 2003.

Figure 5.7.2-2 XRL-Post Comments

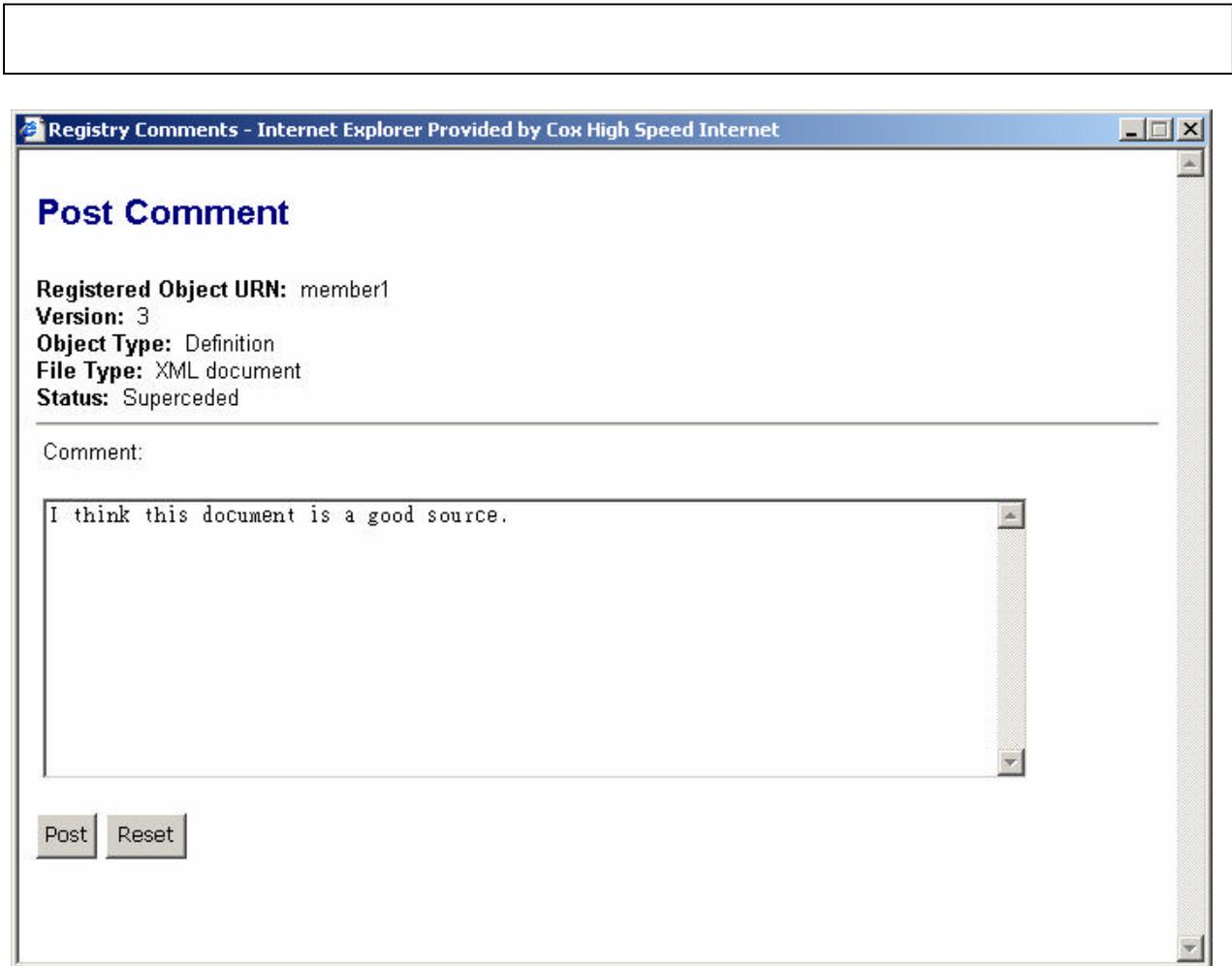


Figure 5.7.2-3 XRL-Post Comments

### 5.7.3. Modify Comments

The Modify Comments screen allows you to edit existing comments.

When you enter the Modify Comments screen, you can either (See Figure 5.7.3-1):

- Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.
- Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses). Now click the adjacent "Go" button.

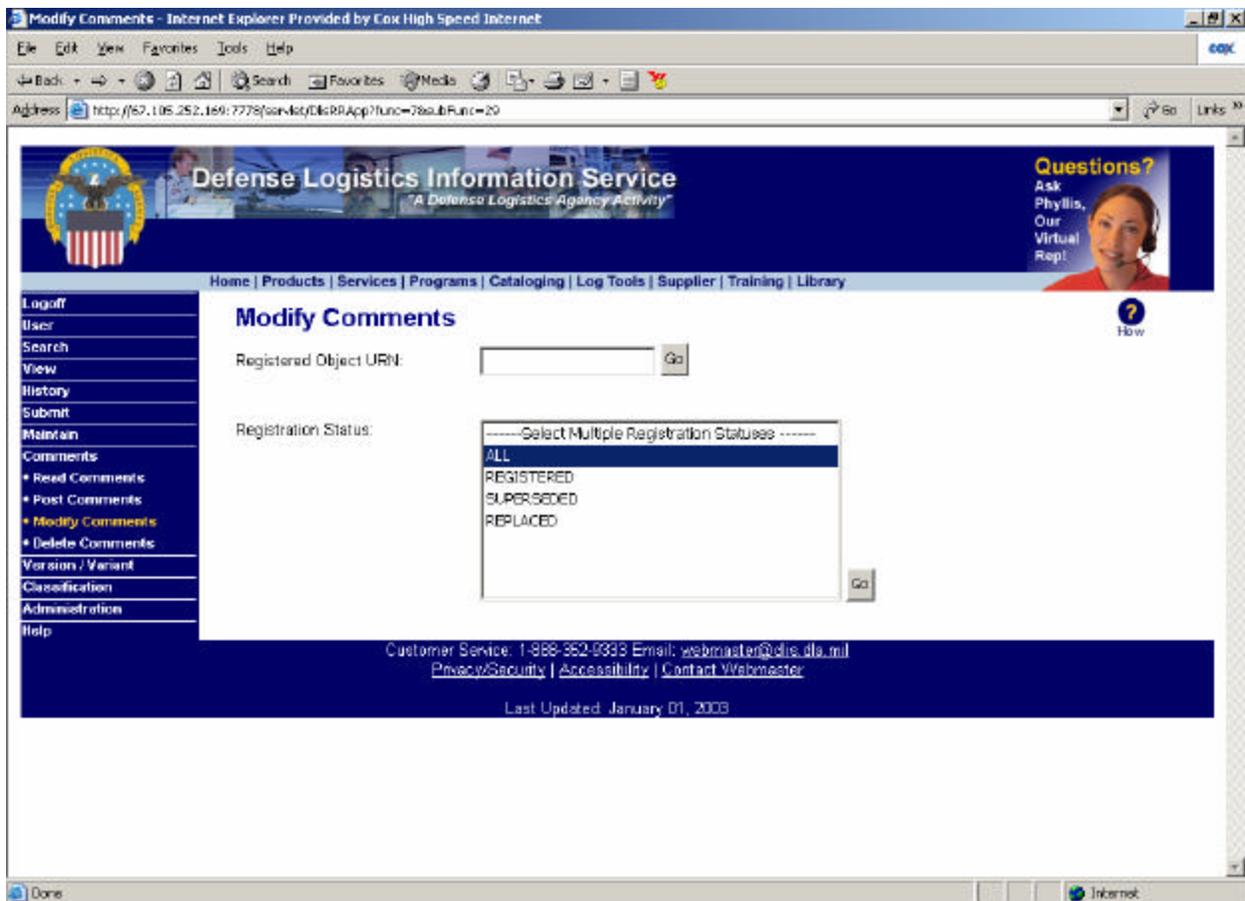


Figure 5.7.3-1 XRL-Modify Comments

Next you will see a table of information about the selected object(s) (See Figure 5.7.3-2). Click on "Modify Comment" next to the desired object; a new window will open up (See Figure 5.7.3-3). If comments are available, they will be displayed here, along with the option to modify.

Click on "Modify" next to the comment you want to edit and you will be given a text box with the current comment; edit as desired, then click "Post" to update it (See Figure 5.7.3-4). You can "Reset" at any time to revert back to the original comment.

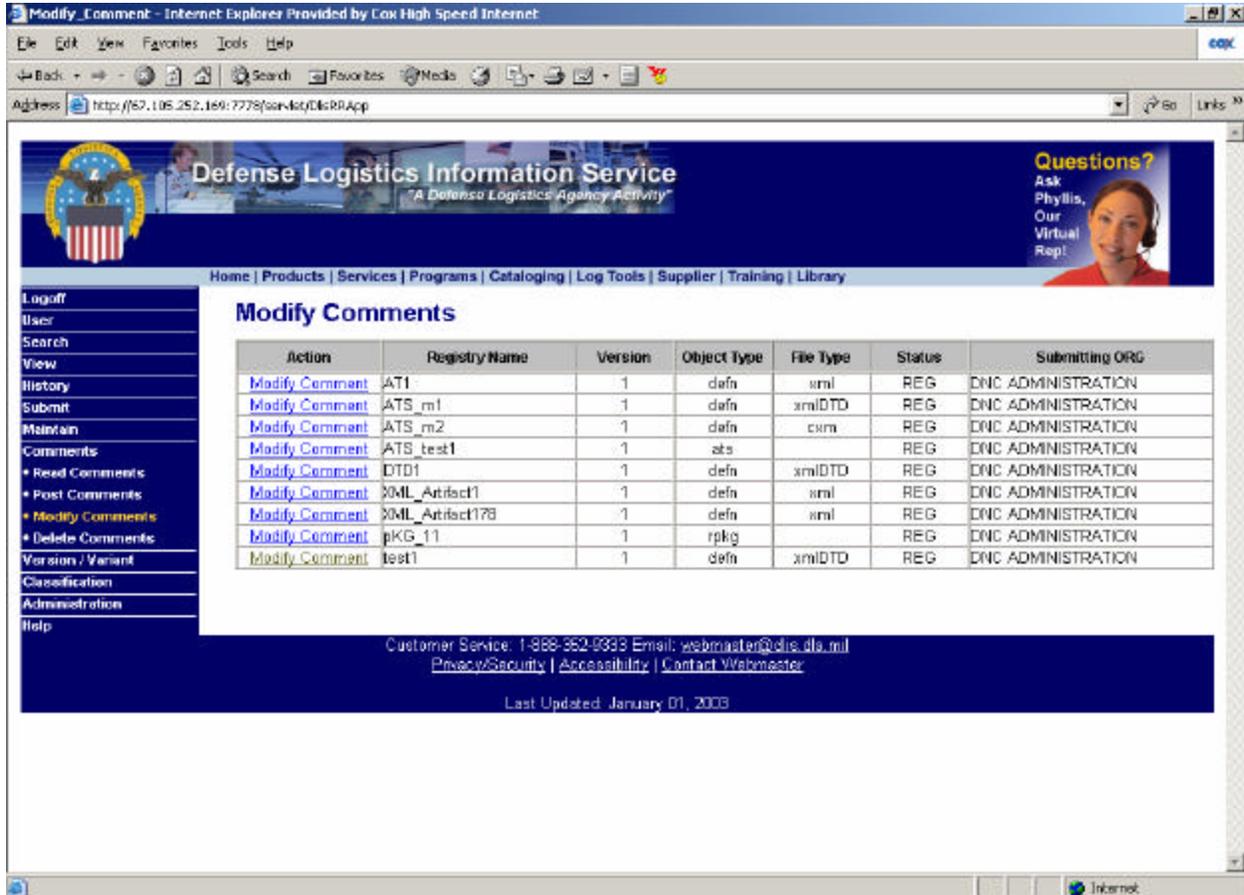


Figure 5.7.3-2 XRL-Modify Comments

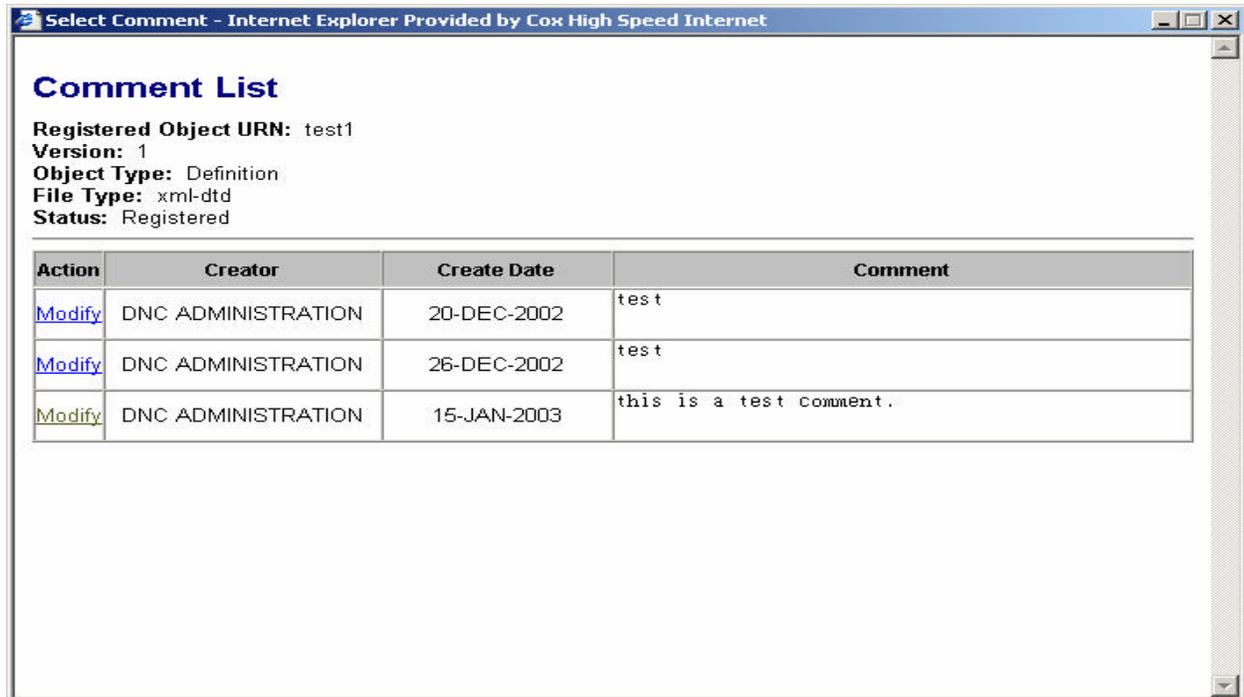


Figure 5.7.3-3 XRL-Modify Comments

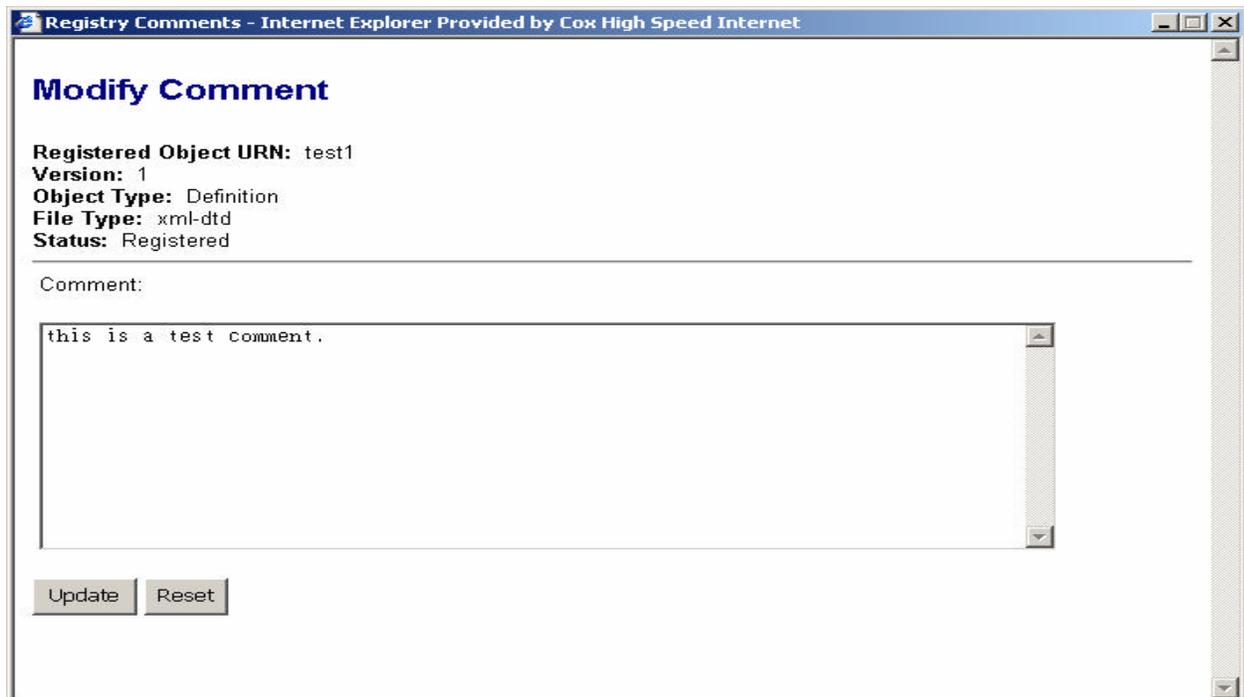


Figure 5.7.3-4 XRL-Modify Comments

## 5.7.4. Delete Comments

The Delete Comments screen allows you to delete existing comments.

When you enter the Delete Comments screen, you can either (See Figure 5.7.4-1):

- Select a specific object -- Enter its Registered Object URN into the first box, then click the adjacent "Go" button.
- Select all objects with a particular registration status -- Select a Registration Status from the list box (use CTRL+Click to select multiple statuses). Now click the adjacent "Go" button.

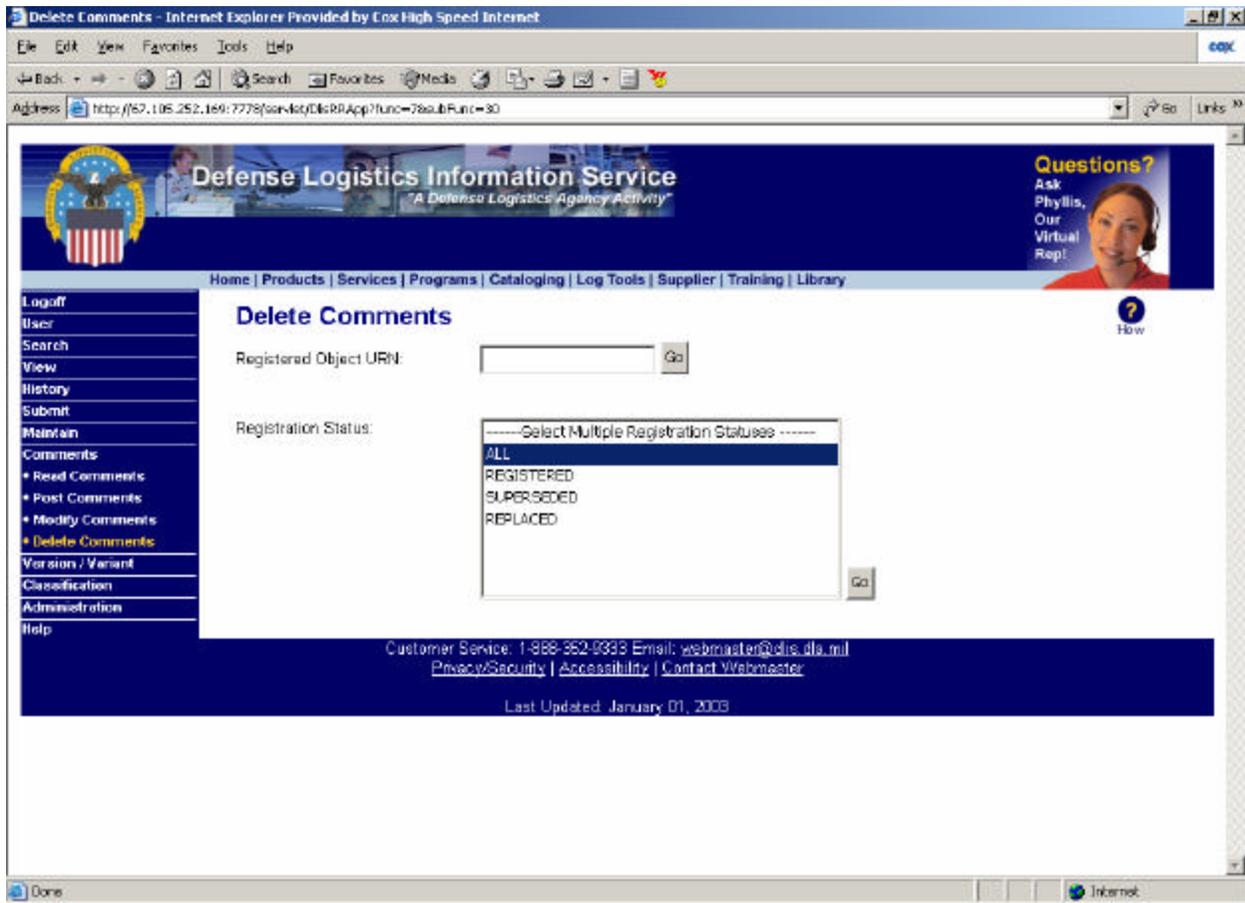


Figure 5.7.4-1 XRL-Delete Comments

Next you will see a table of information about the selected object(s) (See Figure 5.7.4-2). Click on "Delete Comment" next to the desired object; a new window will open up, with a table of information about the object's associated comment(s) (See Figure 5.7.4-3).

Click "Delete" next to the comment you want to remove and a confirmation box will appear; click "Ok" and you will be notified that the comment has been removed successfully (See Figure 5.7.4-4).

The screenshot shows a web browser window titled "Delete\_Comment - Internet Explorer". The address bar contains "http://62.106.252.169:7778/cons/lot/DirRRApp". The main content area displays the "Defense Logistics Information Service" header and a "Delete Comments" section. A table lists various registry entries with associated actions and details.

Action	Registry Name	Version	Object Type	File Type	Status	Submitting ORG
<a href="#">Delete Comment</a>	AT1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	ATS_m1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	ATS_m2	1	defn	cxm	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	ATS_test1	1	ats		REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	DTD1	1	defn	xmlDTD	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	XML_Atifact1	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	XML_Atifact176	1	defn	xml	REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	pkg_11	1	rpkg		REG	DNC ADMINISTRATION
<a href="#">Delete Comment</a>	test1	1	defn	xmlDTD	REG	DNC ADMINISTRATION

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 Last Updated: January 01, 2008

Figure 5.7.4-2 XRL-Delete Comments

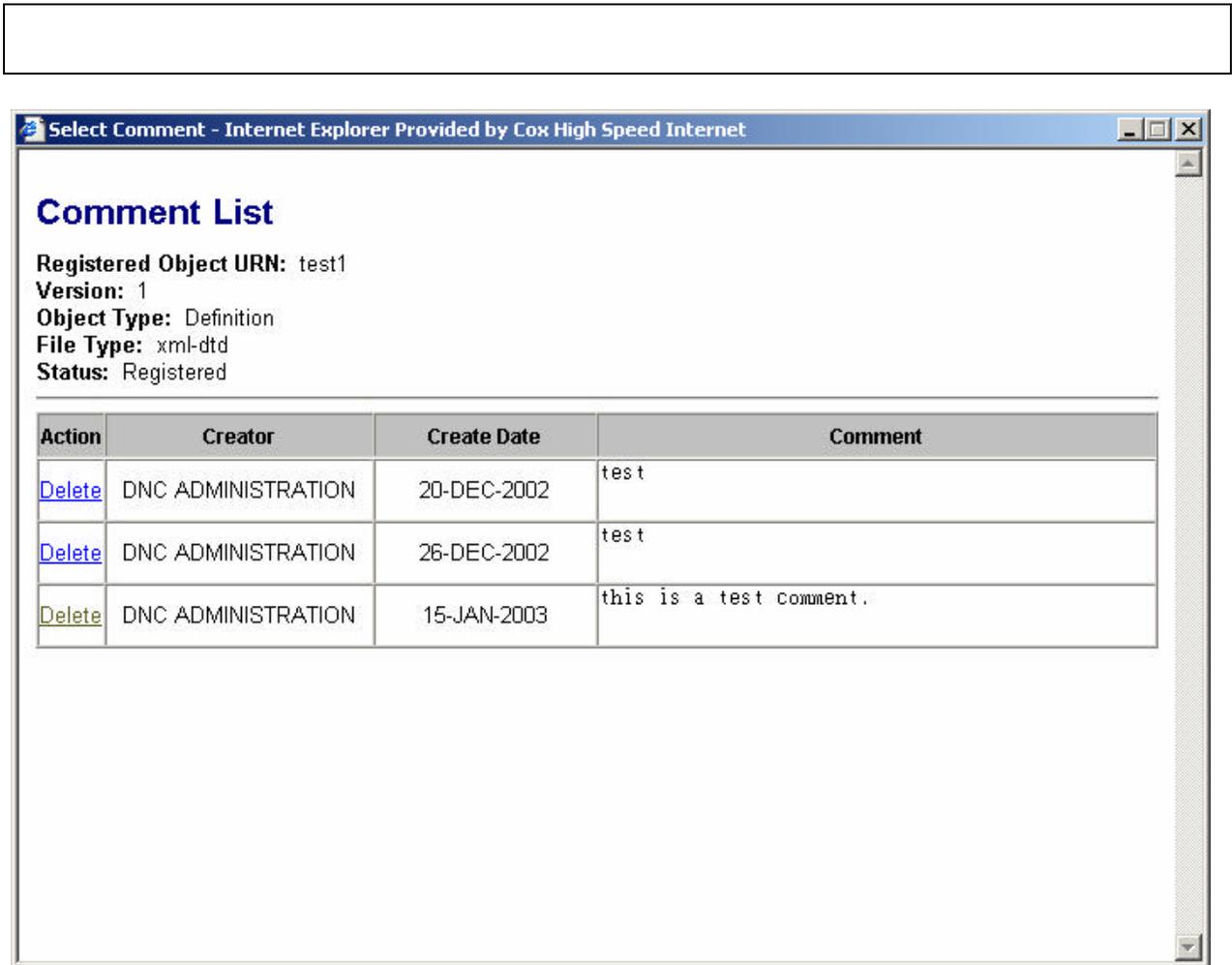


Figure 5.7.4-3 XRL-Delete Comments



Figure 5.7.4-4 XRL-Delete Comments

## 5.8. Version/Variant

The Version/Variant provides a user interface to link the revision object. Whenever a registry entry is created, a version object will be created. This function supports linking XML artifacts into a revision history (See Figure 5.8).

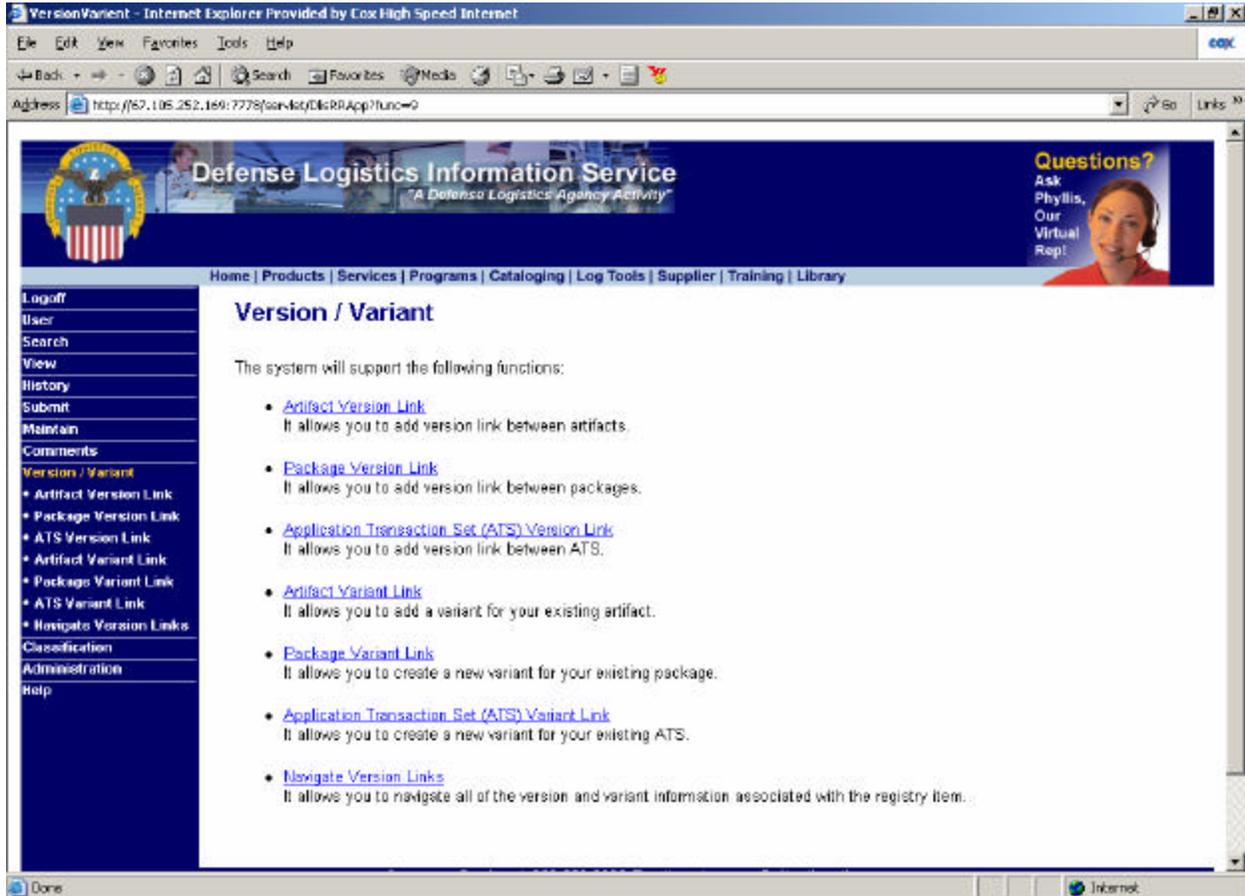


Figure 5.8 XRL – Version/Variant

### 5.8.1. Artifact Version Link

The Artifact Version Link screen shows you a table of registered artifacts in the Repository, with options to view details, comments, and the artifact itself. You also have the option to add a version link, by clicking in the Action column of the desired artifact (See Figure 5.8.1-1)

The screenshot shows the 'Artifact Version Link' page in Internet Explorer. The browser title is 'Artifact Version Link - Internet Explorer Provided by Cox High Speed Internet'. The address bar shows the URL: <http://57.105.252.169:7778/oa-act/DLISApp?func=0&subFunc=80>. The page header includes the DLIS logo and navigation links: Home | Products | Services | Programs | Cataloging | Log Tools | Supplier | Training | Library. A 'Questions?' section with a 'How?' link is also present.

The main content area displays a table of registered artifacts:

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">New Version</a>	AT1	1	AT1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	ATS_m1	1	ATS_m1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	ATS_m2	1	ATS_m2	defn	cxml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	DTD1	1	DTD101	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	XML_Artifact1	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	XML_Artifact178	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Version</a>	test1	1	test1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>

The footer contains the following information: Customer Service: 1-888-362-5333 Email: [webmaster@dlis.dls.mil](mailto:webmaster@dlis.dls.mil), [Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#). Last Updated: January 01, 2008.

Figure 5.8.1-1 XRL-Add Artifact Version

A new window will open up, showing the prior (current) URN (see Figure 5.8.1-2) Below, this is a table of other artifacts, from which you may choose the desired new version by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the new version link was created successfully. You can Cancel or Reset at any time.

**Select New Version**

Choose from the list a new version for the Registered Object URN : AT1

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input checked="" type="radio"/>	ATS_m1	1	ATS_m1	defn	xmlDTD	REG	DNC ADMINISTRATION
<input type="radio"/>	ATS_m2	1	ATS_m2	defn	cxm	REG	DNC ADMINISTRATION
<input type="radio"/>	DTD1	1	DTD101	defn	xmlDTD	REG	DNC ADMINISTRATION
<input type="radio"/>	XML_Artifact1	1	XML_Artifact1	defn	xml	REG	DNC ADMINISTRATION
<input type="radio"/>	XML_Artifact178	1	XML_Artifact1	defn	xml	REG	DNC ADMINISTRATION
<input type="radio"/>	member21	1	member2	defn	cxm	SUB	DNC ADMINISTRATION
<input type="radio"/>	member_11	1	member_1	defn	xmlDTD	SUB	DNC ADMINISTRATION
<input type="radio"/>	p1m	1	p1m	defn	xmlDTD	SUB	DNC ADMINISTRATION
<input type="radio"/>	p2m	1	p2m	defn	xmlXSLT	SUB	DNC ADMINISTRATION
<input type="radio"/>	test1	1	test1	defn	xmlDTD	REG	DNC ADMINISTRATION

Change the registration status of AT1 to be:

Superceded  
 Replaced

Version Comment

Figure 5.8.1-2 XRL-Add Artifact Version Link

## 5.8.2. Package Version Link

The Package Version Link screen shows you a table of registered packages in the Repository, with options to view details, comments, and the package itself. You also have the option to add a version link, by clicking in the Action column of the desired package (See Figure 5.8.2-1).

The screenshot shows the 'Package Version Link' page in Internet Explorer. The browser title is 'Package Version Link - Internet Explorer: Provided by Cox High Speed Internet'. The address bar shows the URL: <http://67.105.252.169:7778/servelet/DlsRRApp?func=9&subFunc=90>. The page header includes the Defense Logistics Information Service logo and a 'Questions?' section with a virtual representative. The main content area displays a table of registered objects.

Action	Registered Object URM	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">New Version</a>	pkG_11	1	pkG_1	tpkg		REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Package</a>

The footer contains the following information: Customer Service: 1-866-352-9333 Email: [webmaster@dls.dla.mil](mailto:webmaster@dls.dla.mil), [Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#). Last Updated: January 01, 2008.

Figure 5.8.2-1 XRL-Add Package Version

A new window will open up, showing the prior (current) URN (see Figure 5.8.2-2) Below, this is a table of all other packages, from which you may choose the desired new version by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the new version link was added successfully. You can Cancel or Reset at any time.

**Select New Version**

Choose from the list a new version for the Registered Object URN : pKG\_11

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input checked="" type="radio"/>	Package2	1	Package2	rpkg		SUB	DNC ADMINISTRATION
<input type="radio"/>	pkg_11	1	pkg_1	rpkg		SUB	DNC ADMINISTRATION

Change the registration status of pKG\_11 to be:

Superceded  
 Replaced

Version Comment

Submit Reset Cancel

Figure 5.8.2-2 XRL-Add Package Version Link

### 5.8.3. Application Transaction Set Version Link

The ATS Version Link screen shows you a table of registered ATS's in the Repository, with options to view details, comments, and the ATS itself. You also have the option to add a version link, by clicking in the Action column of the desired ATS (See Figure 5.8.3-1).

The screenshot shows the 'Application Transaction Set (ATS) Version Link' page. The page header includes the DLIS logo and navigation links. The main content area displays a table of registered ATS objects. The table has the following data:

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">New Version</a>	ATS_test1	1	ATS_test1	ats		REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View ATS</a>

The footer contains contact information: Customer Service: 1-866-362-9333 Email: [webmaster@dlis.dla.mil](mailto:webmaster@dlis.dla.mil), [Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#). Last Updated: January 01, 2008.

Figure 5.8.3-1 XRL-ATS Version Link

A new window will open up, showing the prior (current) URN (See Figure 5.8.3-2). Below, this is a table of all other ATS's, from which you may choose the desired new version by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the version link was added successfully. You can Cancel or Reset at any time.

**Select New Version**

Choose from the list a new version for the Registered Object URN : ATS\_test1

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input checked="" type="radio"/>	Test_ATS_11	1	Test_ATS_1	ats		SUB	DNC ADMINISTRATION

Change the registration status of ATS\_test1 to be:

Superceded  
 Replaced

Version Comment

Figure 5.8.3-2 XRL-ATS Version Link

## 5.8.4. Artifact Variant Link

The Artifact Variant Link screen shows you a table of registered artifacts in the Repository, with options to view details, comments, and the artifact itself. You also have the option to add a variant link, by clicking in the Action column of the desired artifact (See Figure 5.8.4-1). A variant is a version that is created by someone that is outside of the original ownership group.

The screenshot shows the 'Artifact Variant Link' page in Internet Explorer. The browser address bar displays the URL: <http://62.105.252.169:7778/ovr-ldt/DLISApp?func=ResubFunc=128>. The page header includes the DLIS logo and the text 'Defense Logistics Information Service - A Defense Logistics Agency Activity'. A navigation menu on the left lists options such as Logoff, User, Search, View, History, Submit, Maintain, Comments, Version / Variant, and Administration. The main content area is titled 'Artifact Variant Link' and contains a table of registered artifacts.

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">New Variant</a>	AT1	1	AT1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	ATS_m1	1	ATS_m1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	ATS_m2	1	ATS_m2	defn	com	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	DTD1	1	DTD101	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	XML_Artifact1	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	XML_Artifact178	1	XML_Artifact1	defn	xml	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>
<a href="#">New Variant</a>	test1	1	test1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>

At the bottom of the page, there is contact information for Customer Service (1-866-362-9333) and an email address (webmaster@dlis.dla.mil). The page was last updated on January 01, 2008.

Figure 5.8.4-1 XRL-Add Artifact Variant Link

A new window will open up, showing the prior (current) URN (See Figure 5.8.4-2). Below, this is a table of all other artifacts, from which you may choose the desired new version by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the new version link was created successfully. You can Cancel or Reset at any time.

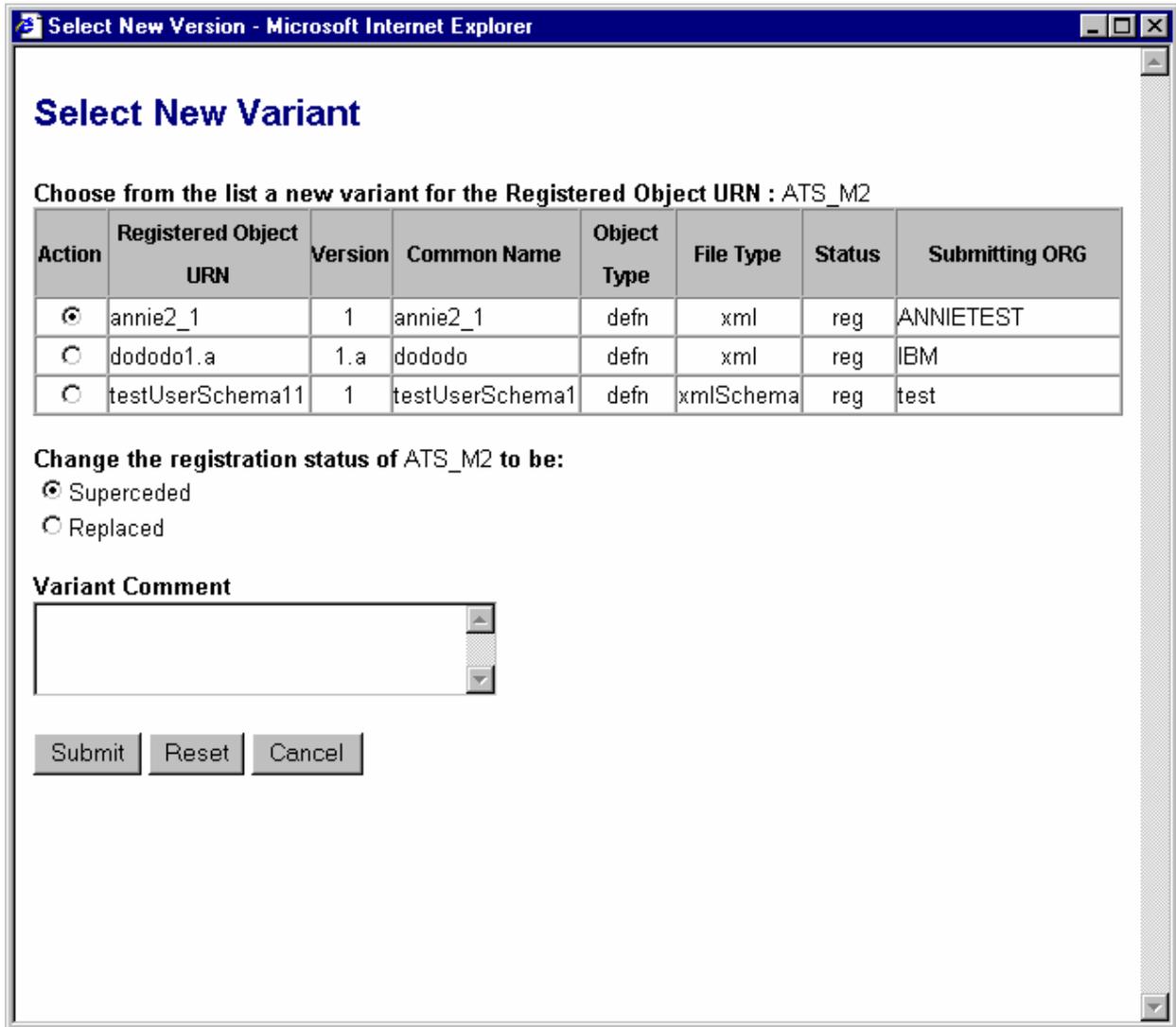


Figure 5.8.4-2 XRL – Add Artifact Variant

### 5.8.5. Package Variant Link

The Package Variant Link screen shows you a table of registered packages in the Repository, with options to view details, comments, and the package itself. You also have the option to add a version link, by clicking in the Action column of the desired package. A Variant is a version that is created by someone that is outside the original ownership group (See Figure 5.8.5-1).

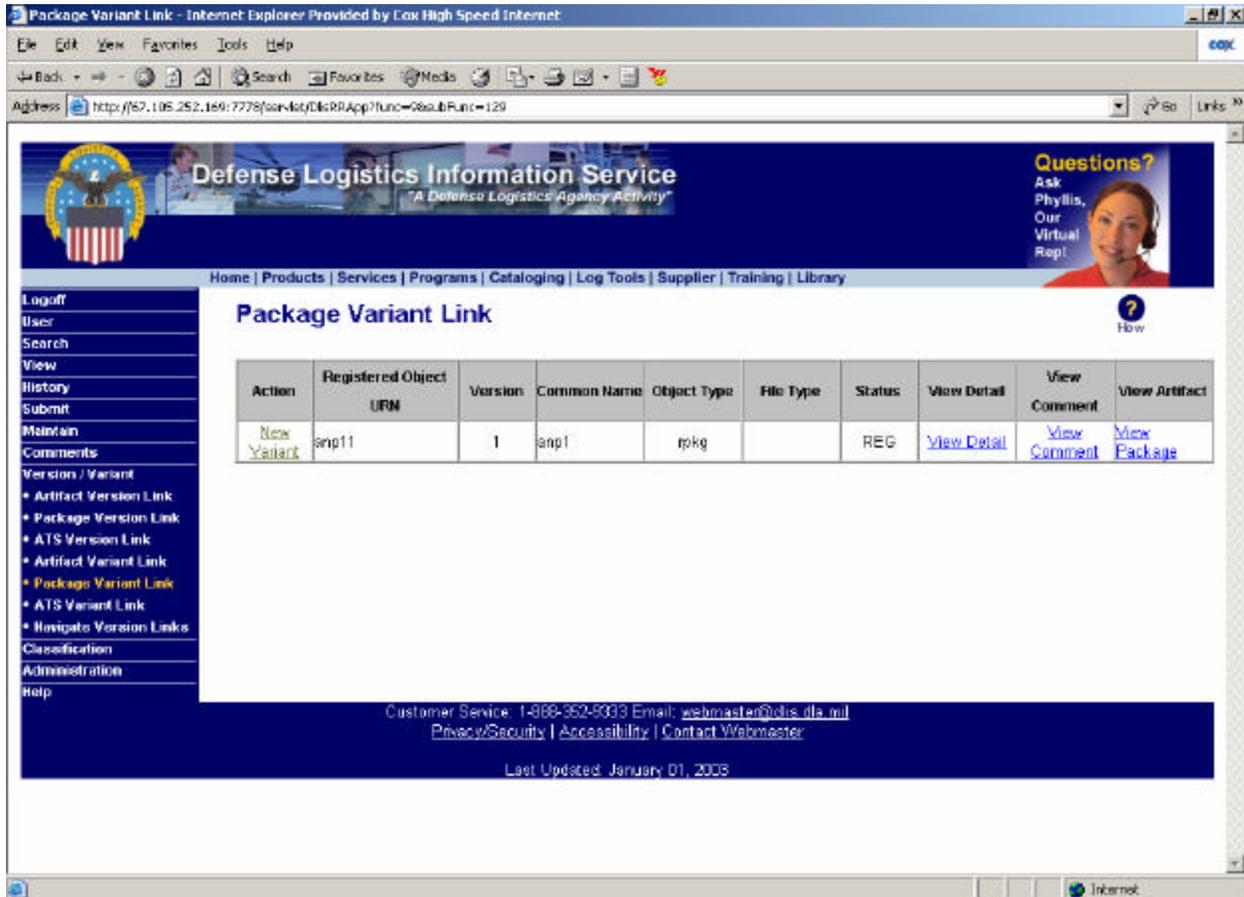


Figure 5.8.5-1 XRL - Add Package Variant Link

A new window will open up, showing the prior (current) URN (See Figure 5.8.5-2). Below this is a table of all other packages, from which you may choose the desired new variant by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the new package variant link has been added successfully. You can Cancel or Reset at any time.

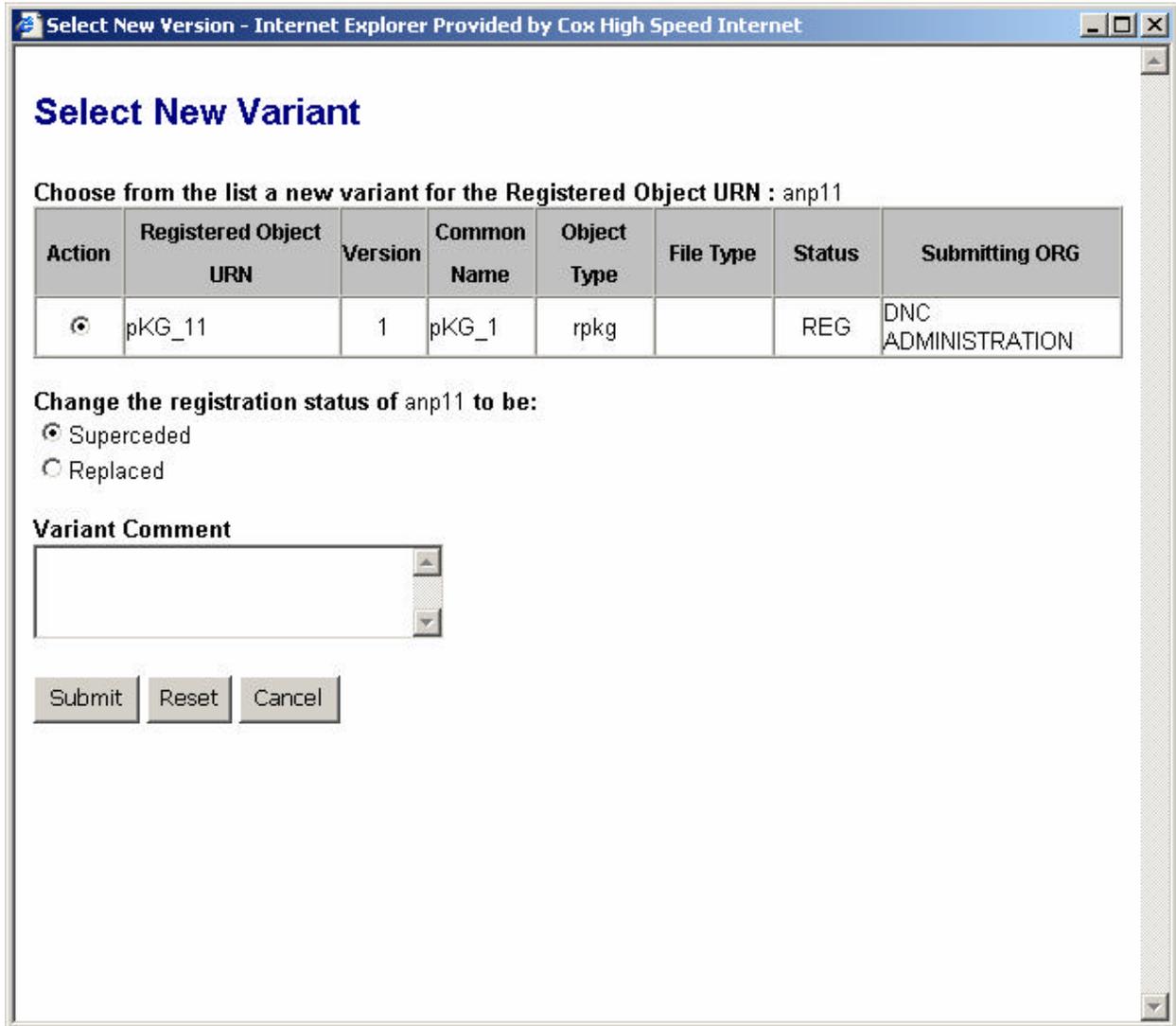


Figure 5.8.5-2 XRL - Add Package Variant Link

## 5.8.6. Application Transaction Set Variant Link

The ATS Variant Link screen shows you a table of registered ATS's in the Repository, with options to view details, comments, and the ATS itself. You also have the option to add a variant link, by clicking in the Action column of the desired ATS (See Figure 5.8.6-1). A variant is a version that is created by someone that is outside the original ownership group.

The screenshot shows the 'Application Transaction Set (ATS) Variant Link' page in Internet Explorer. The browser address bar shows the URL: <http://67.105.252.169:7778/oa-ws/ot/DirRRApp?func=ObjSubFunc=130>. The page header includes the Defense Logistics Information Service logo and a 'Questions?' section with a contact person. The main content area is titled 'Application Transaction Set (ATS) Variant Link' and contains a table of registered objects.

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View Artifact
<a href="#">New Variant</a>	ans1	1	ans1	ats		REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View ATS</a>

At the bottom of the page, there is a footer with contact information: Customer Service: 1-866-352-9333 Email: [webmaster@dlis.dla.mil](mailto:webmaster@dlis.dla.mil), Privacy/Security | Accessibility | Contact Webmaster, and Last Updated: January 01, 2008.

Figure 5.8.6-1 XRL – Add ATS Variant Link

A new window will open up, showing the prior (current) URN (See Figure 5.8.6-2). Below this is a table of all other ATS's, from which you may choose the desired new variant by clicking the corresponding radio button. Decide on the registration status (Superceded or Replaced), then click "Submit" and you will be notified that the variant link was added successfully. You can Cancel or Reset at any time.

**Select New Variant**

Choose from the list a new variant for the Registered Object URN : ana1

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<input checked="" type="radio"/>	ATS_test1	1	ATS_test1	ats		REG	DNC ADMINISTRATION

Change the registration status of ana1 to be:

Superceded  
 Replaced

Variant Comment

Figure 5.8.6-2 XRL – Add ATS Variant Link

## 5.8.7. Navigate Version Links

The Navigate Version Links screen shows you a table of information on all registered objects in the Repository (artifacts, packages, and ATS's), and allows you to navigate version links for any object (See Figure 5.8.7-1). Just click in the Action column for the desired object and a new window will open up, displaying information tables on all current version links for that object (See Figure 5.8.7-2).

Version/Variant - Internet Explorer Provided by Cox High Speed Internet

File Edit View Favorites Tools Help

Address http://67.105.252.169:7778/ovr-ist/DirRRApp?func=ResubFunc=92

Defense Logistics Information Service  
"A Defense Logistics Agency Activity"

Questions?  
Ask Phyllis, Our Virtual Rep!

Home | Products | Services | Programs | Cataloging | Log Tools | Supplier | Training | Library

Logoff  
User  
Search  
View  
History  
Submit  
Maintain  
Comments  
Version / Variant  
• Artifact Version Link  
• Package Version Link  
• ATS Version Link  
• Artifact Variant Link  
• Package Variant Link  
• ATS Variant Link  
• **Navigate Version Links**  
Classification  
Administration  
Help

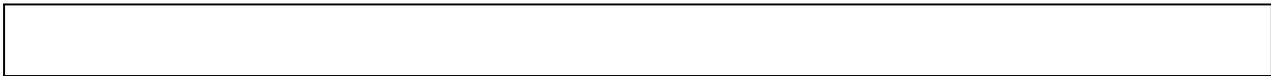
### Navigate Version Links

Action	Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
<a href="#">Navigate</a>	an1	1	an1	defn	xml	SUP	test

Customer Service: 1-866-352-9333 Email: [webmaster@dlis.dla.mil](mailto:webmaster@dlis.dla.mil)  
[Privacy/Security](#) | [Accessibility](#) | [Contact Webmaster](#)

Last Updated: January 01, 2008

Figure 5.8.7-1 XRL – Navigate Version Links



Navigate - Internet Explorer Provided by Cox High Speed Internet

### Display All Version Links

Registered Object URN	Version	Common Name	Object Type	File Type	Status	Submitting ORG
an1	1	an1	defn	xml	SUP	test

↓ Next Version

XML_Artifact178	1	XML_Artifact1	defn	xml	REG	DNC ADMINISTRATION
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Figure 5.8.7-1 XRL – Navigate Version Links

## 5.9. Classification

This function provides a user interface to List Classification Scheme, Maintain Classification Scheme, Link Scheme to Registry Item, Navigate Classification Scheme, and Search Classification Scheme by keyword (See Figure 5.9).

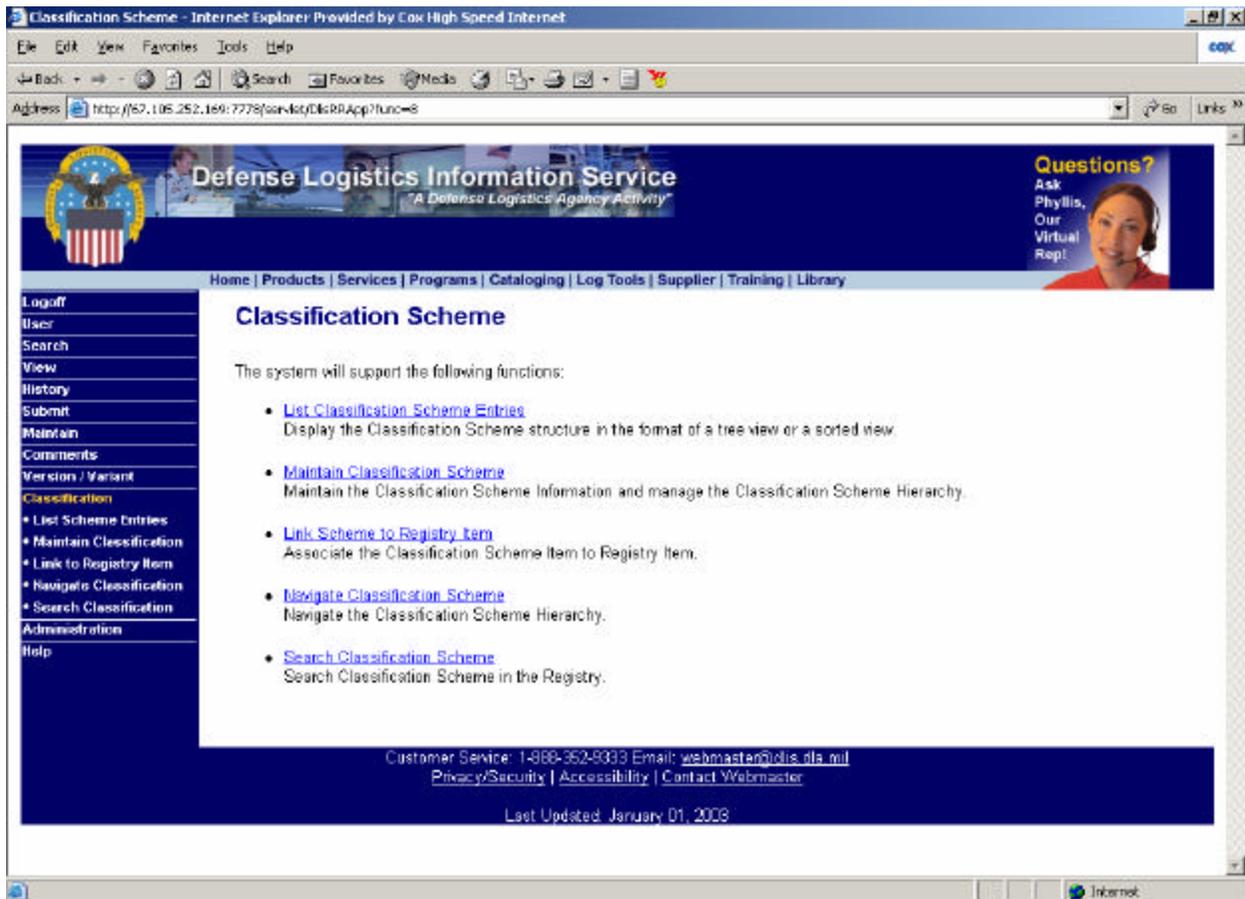


Figure 5.9 XRL – Classification Scheme

### 5.9.1. List Classification Scheme Entries

There are two selections of the views: a tree view or sorted view.

The tree view will return the classification scheme in hierarchic order, while the sorted view will return all of the classification scheme entries in alphabetic sequence (See Figure 5.9.1-1 and 5.9.1-2).

Click the view selection (either Tree View or Sorted View) you want to see, and the classification scheme information will display.

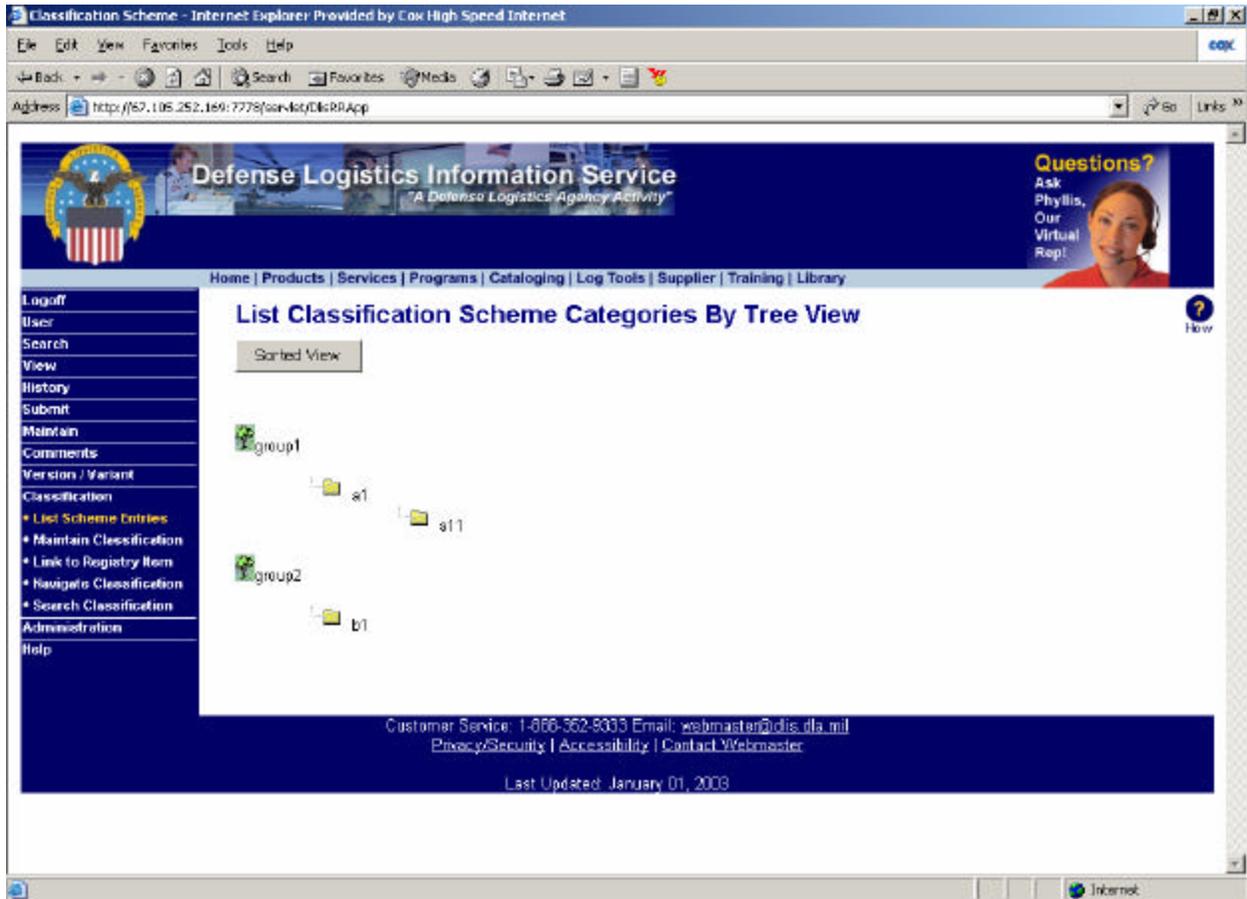


Figure 5.9.1 XRL – List Classification Scheme Entries (Tree View)

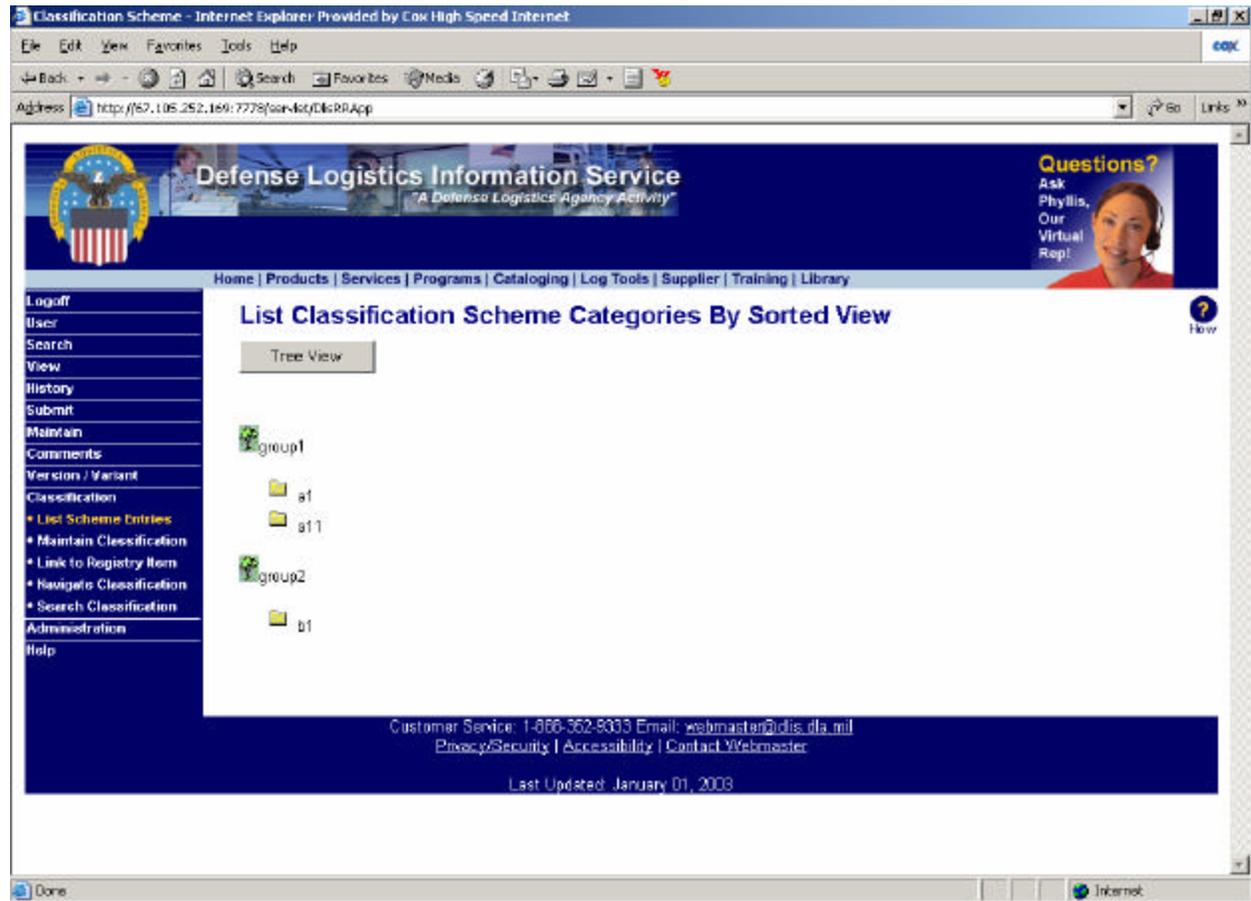


Figure 5.9.2 XRL – List Classification Scheme Entries (Tree View)

## 5.9.2. Maintain Classification

When you are on the Maintain Classification Scheme Screen (See Figure 5.9.2-1), you can either:

- Add A New Classification Scheme: Enter the Classification Scheme Name and Classification Scheme Node Type (See Figure 5.9.2-2).
- Update Classification Scheme: Update the Classification Scheme Name and Node Type (See Figure 5.9.2-3).
- Manage Classification: Add/Maintain/Delete Classification Scheme Item (See Figure 5.9.2-4).

For the Classification Scheme Root, you can perform the following functions:

1. Add a new Classification Item: Enter the value of the item. The Classification Scheme Item Type for this item will be predefined same as the parent. Click *Submit* to add it to your Classification Scheme.
2. Delete a Classification Item: choose the item that is going to be deleted, a message will show to confirm the deletion, click *OK* to confirm the deletion.

For the Classification Scheme Item, you can perform the following functions:

1. Add a new Child Classification Item: Enter the value of the child item. The Classification Scheme Item Type for this item will be predefined same as the parent. Click *Submit* to add it to your Classification Scheme.
  2. Maintain Classification Item: update the Classification Scheme Item and Value. Click *Submit* to save the change.
- Delete Classification Scheme (See Figure 5.9.2-5).

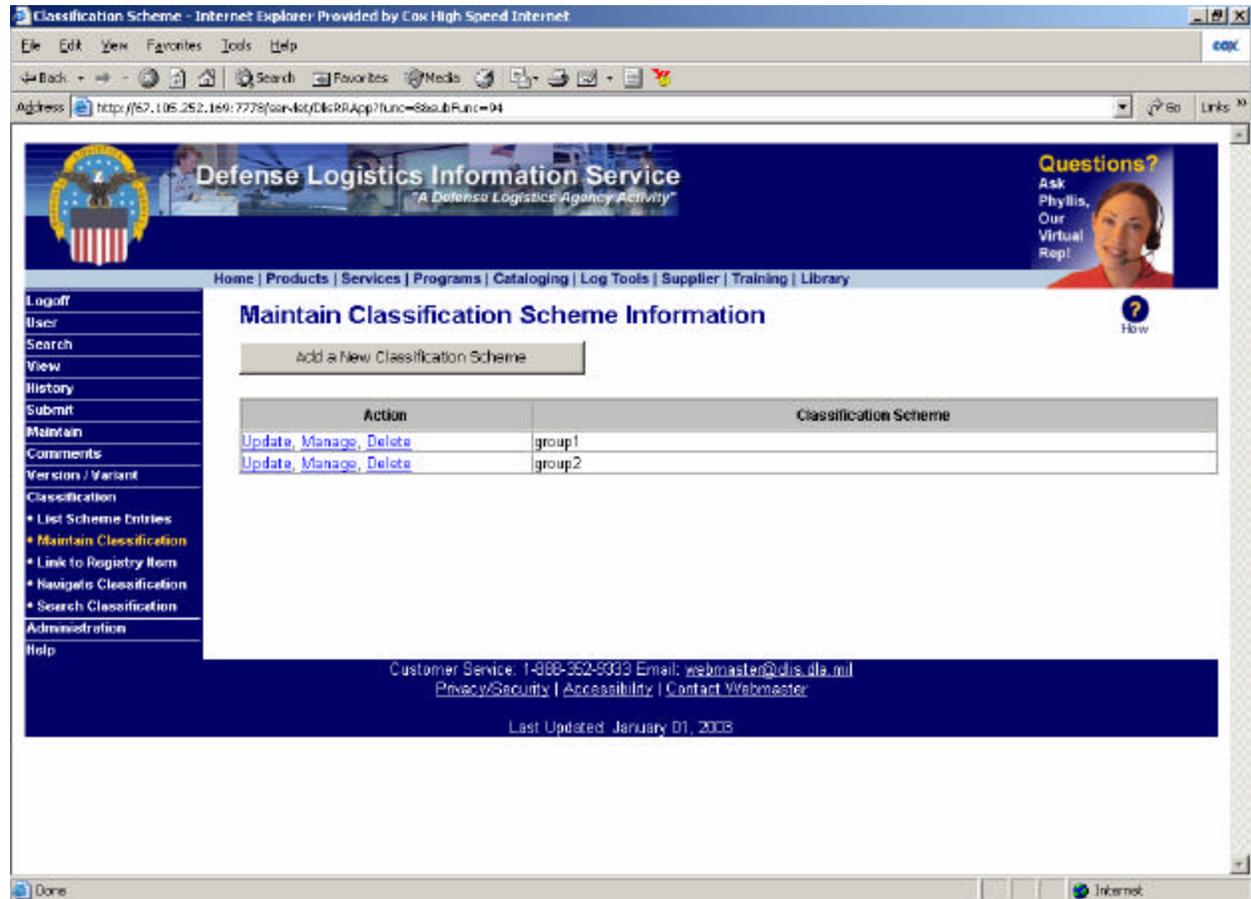
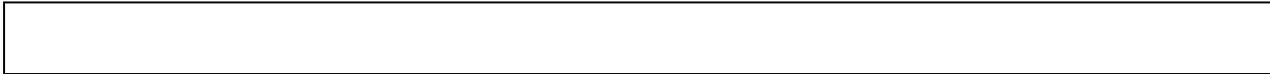


Figure 5.9.2-1 XRL – Maintain Classification



The screenshot shows a web browser window titled "Add New Classification Scheme Information - Microsoft Internet Explorer". The page content includes a heading "New Classification Scheme Information". Below the heading, there are two input fields: "Classification Scheme Name:" followed by an empty text box, and "Classification Scheme Node Type:" followed by a dropdown menu currently showing "UNIQUECODE". At the bottom of the form, there are three buttons: "Save", "Reset", and "Cancel".

Figure 5.9.2-2 XRL – Maintain Classification (Add A New Classification Scheme)

The screenshot shows a web browser window titled "Update Classification Scheme Information - Internet Explorer Provided...". The page content includes a heading "Update Classification Scheme Information". Below the heading, there are two input fields: "Classification Scheme Name:" followed by a text box containing the value "group1", and "Classification Scheme Node Type:" followed by a dropdown menu currently showing "UNIQUECODE". At the bottom of the form, there are three buttons: "Update", "Reset", and "Cancel".

Figure 5.9.2-3 XRL – Maintain Classification (Update Classification)

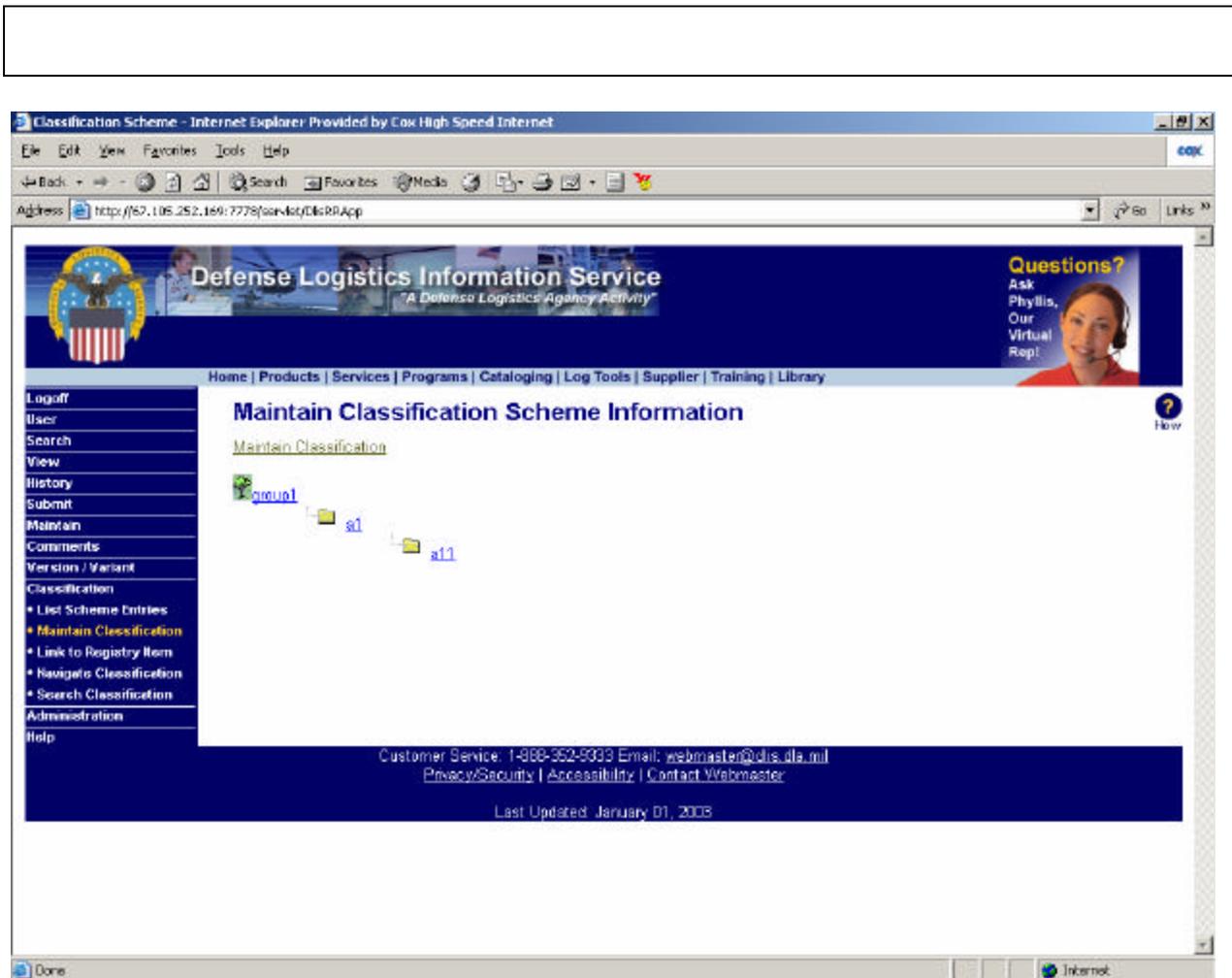


Figure 5.9.2-4 XRL – Maintain Classification (Manage Classification)

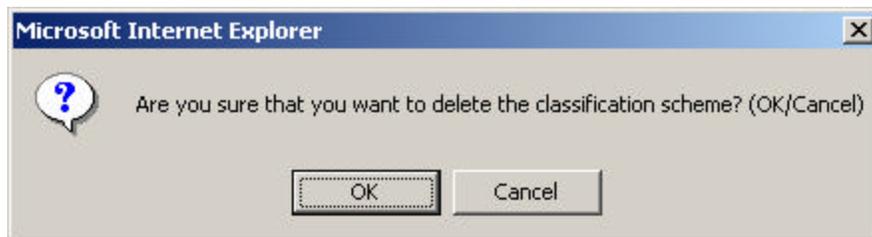


Figure 5.9.2-5 XRL – Maintain Classification (Delete Classification)

### 5.9.3. Associate Registry Entry to Classification Scheme Entry

This Function allows you to associate the Registry Entry to a Classification Scheme Entry (See Figure 5.9.3-1).

Click on the end node of the tree. A screen will pop up with the Registry Entries available for selection (See Figure 5.9.3-2).

Click on the check box for the Registry Entry you want to associate with. You can select multiple Registry Entries to associate with one Classification Scheme Entry. To do this, just click on all the check boxes that you want to include.

Click *Submit* to save your selection.

You can browse the tree and the Associated Registry Entry from Navigate Classification.

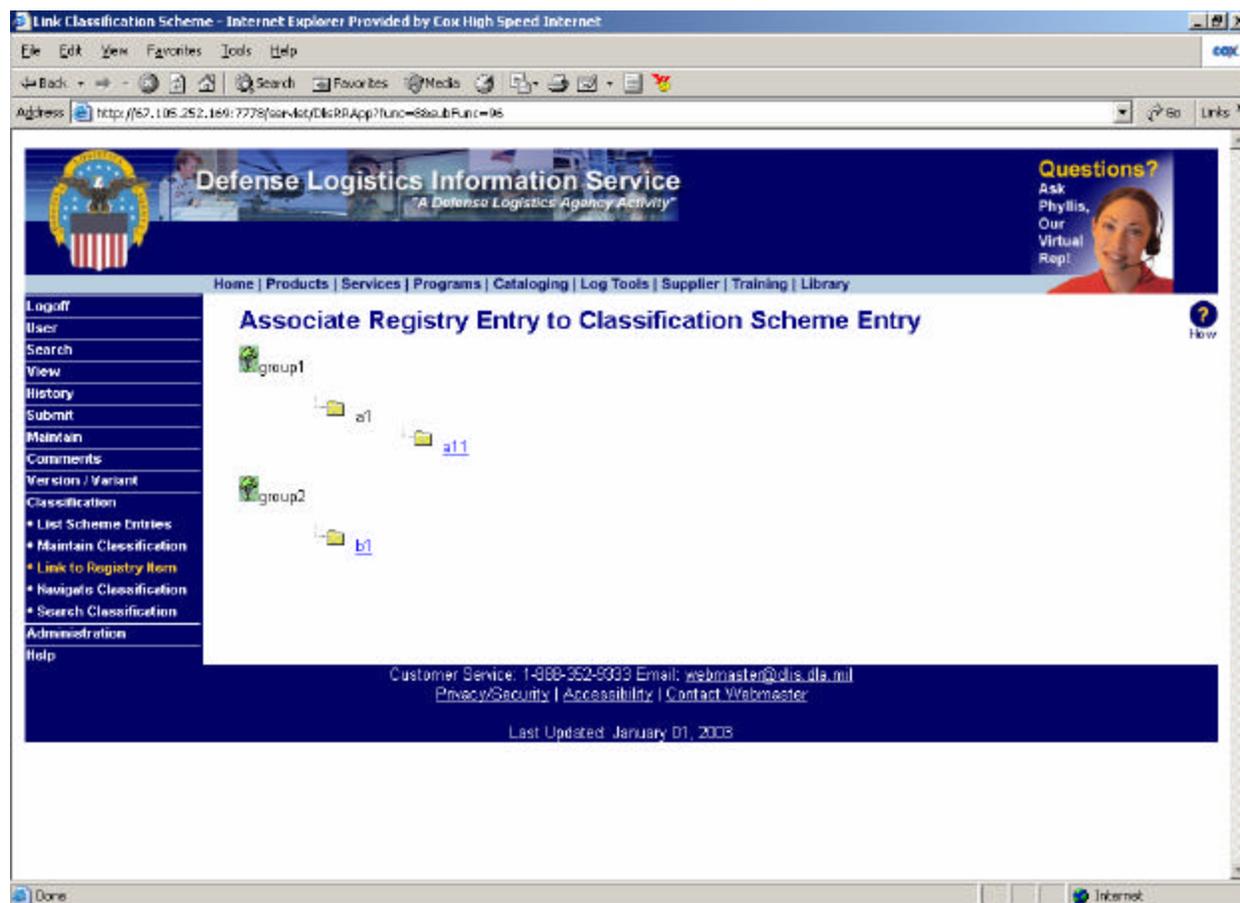


Figure 5.9.3-1 XRL – Associate Registry Entry to Classification Scheme Entry

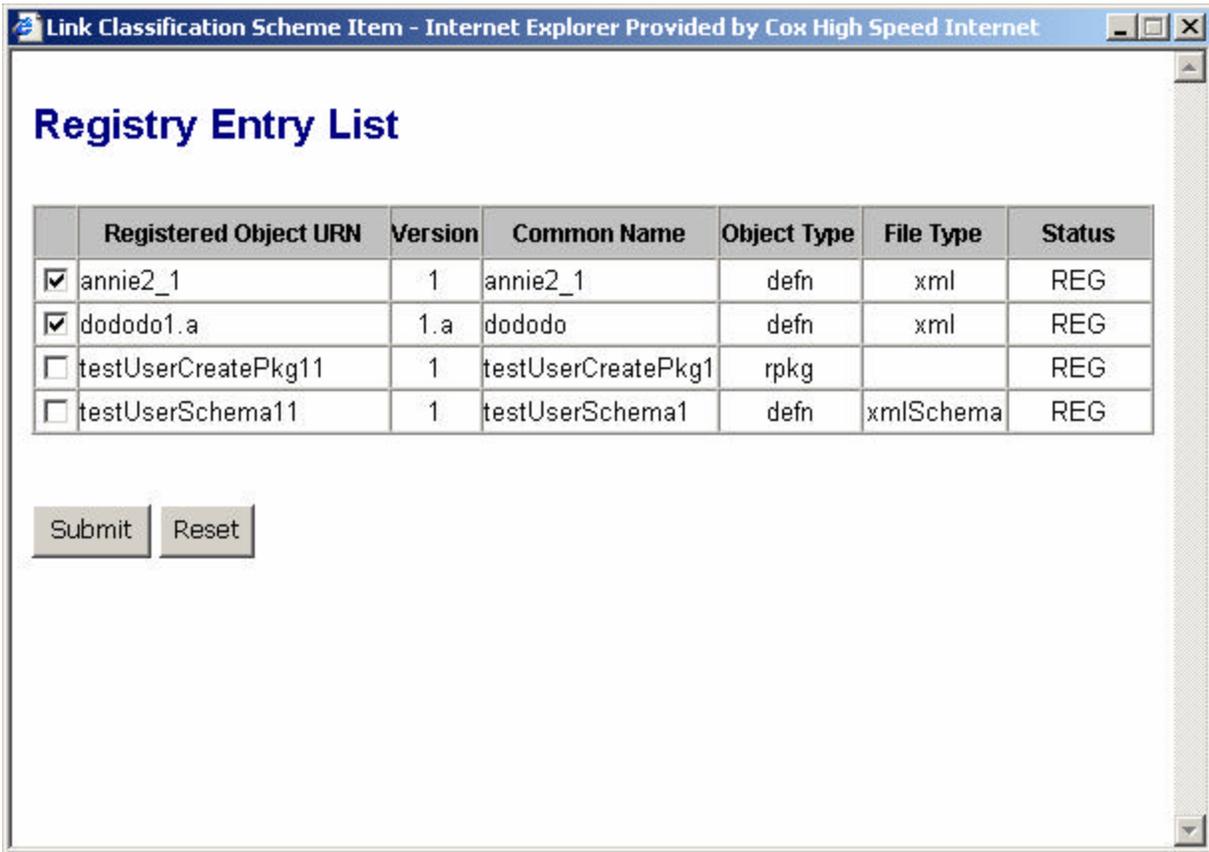


Figure 5.9.3-1 XRL – Associate Registry Entry to Classification Scheme Entry

## 5.9.4. Navigate Classification Scheme

This Function allows you to navigate the Classification.

Click on the link from the Classification Scheme, a screen will display if the item has any associated Registry Entry.

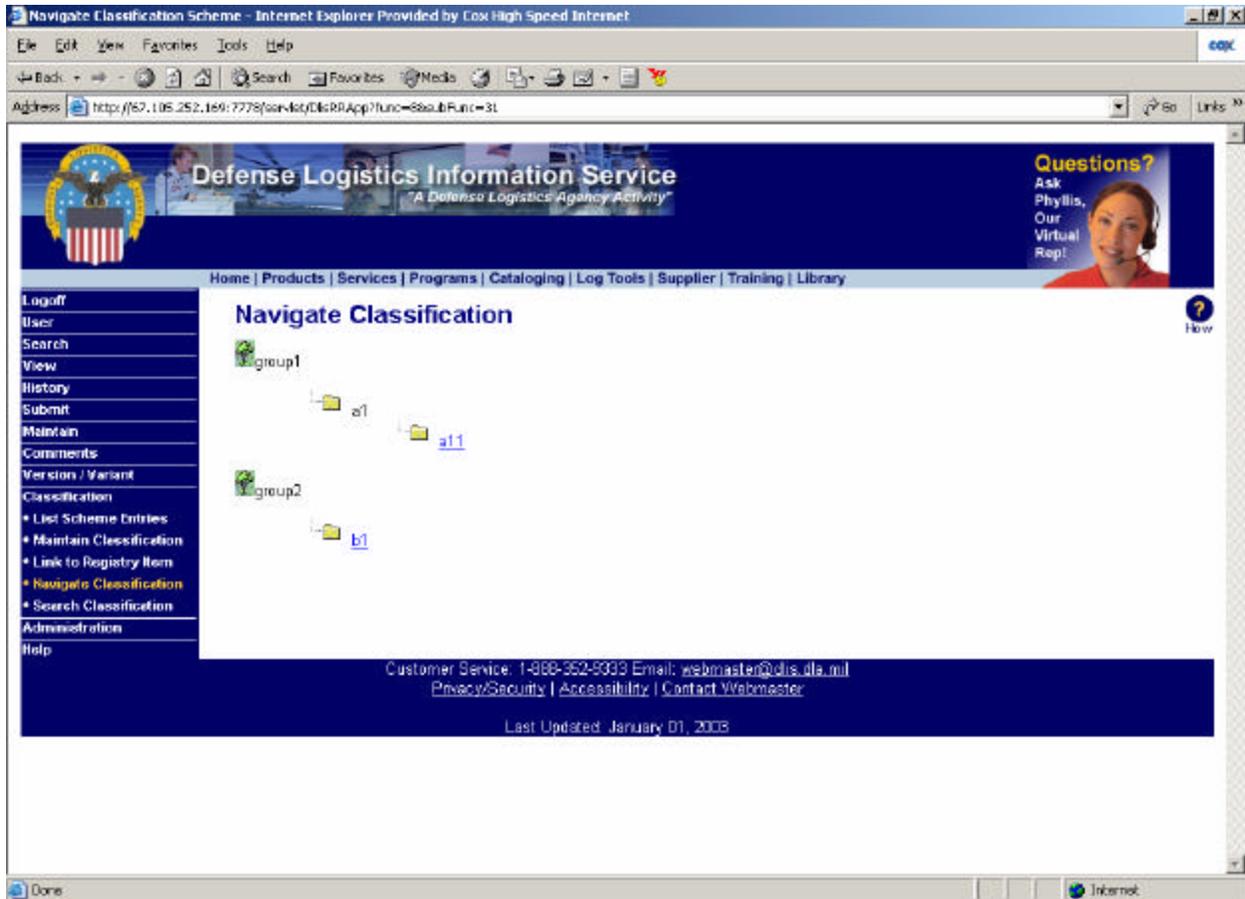


Figure 5.9.4-1 XRL – Navigate Classification Scheme



**Registry Entry List**

Registered Object URN	Version	Common Name	Object Type	File Type	Status	View Detail	View Comment	View
test1	1	test1	defn	xmlDTD	REG	<a href="#">View Detail</a>	<a href="#">View Comment</a>	<a href="#">View Artifact</a>

Figure 5.9.4-2 XRL – Navigate Classification Scheme

### 5.9.5. Search Classification Scheme

This Function allows you to search the Classification Scheme Entry. The Classification Scheme Entry could be either Classification Scheme (Root Node), or the Classification Scheme Item (Child Node).

Enter the name of the Classification Scheme Entry and click *Search* button (See Figure 5.9.5-1). If any matched Classification Scheme Entry is found, the screen will display the Root Node of the Classification Scheme (See Figure 5.9.5-2). Click on this Classification Scheme to see the hierarchic display (See Figure 5.9.5-3).

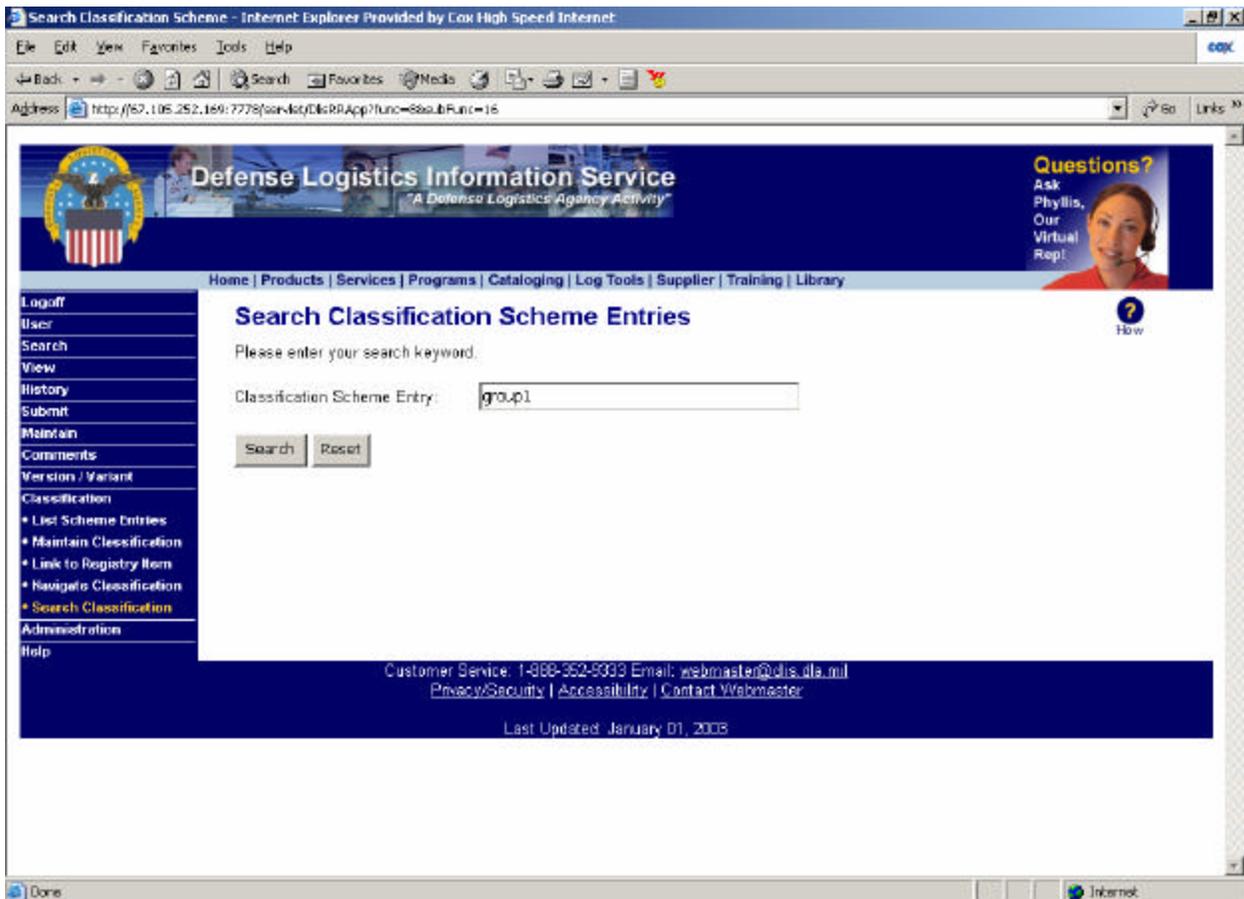


Figure 5.9.5-1 XRL - Search Classification Scheme Entry

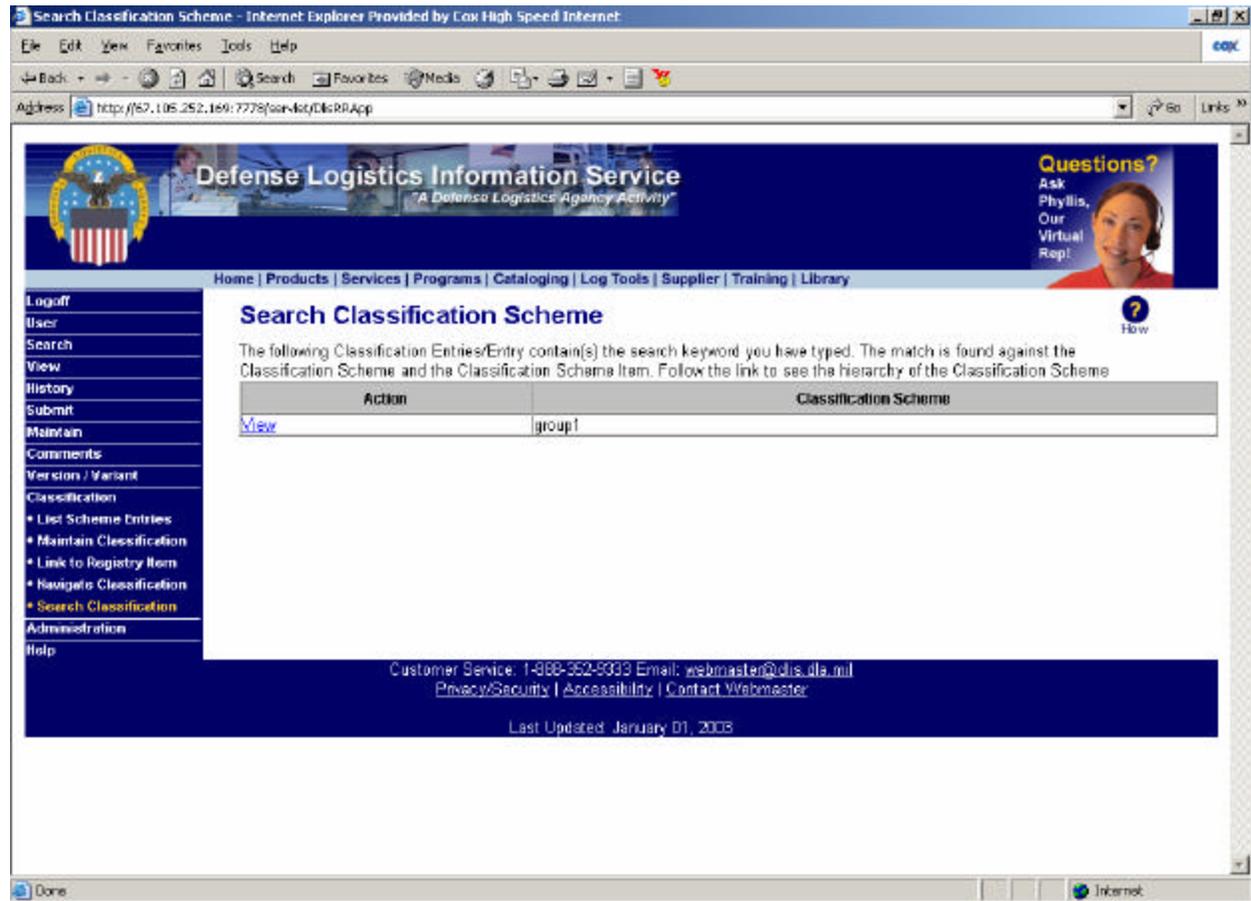


Figure 5.9.5-2 XRL – Search Classification Scheme

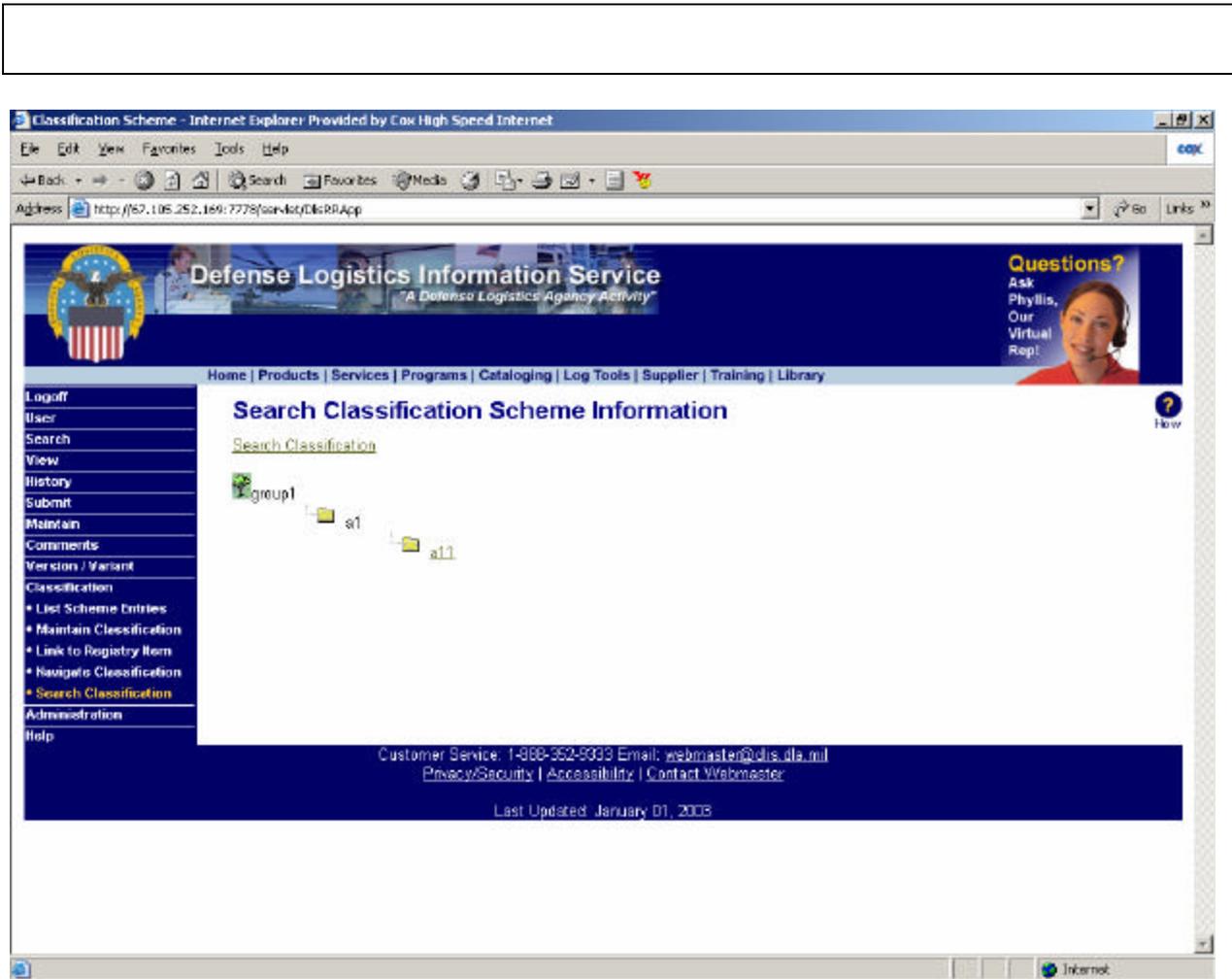


Figure 5.9.5-2 XRL – Search Classification Scheme

## 5.10. Help Facility

This System provides a Help Facility. It helps the user find out the information about using the system (See 5.10-1).

Enter a keyword you want to search for and click *Search* button. You can also browse the index of all the help by clicking *Show Content* button (See 5.10-2).

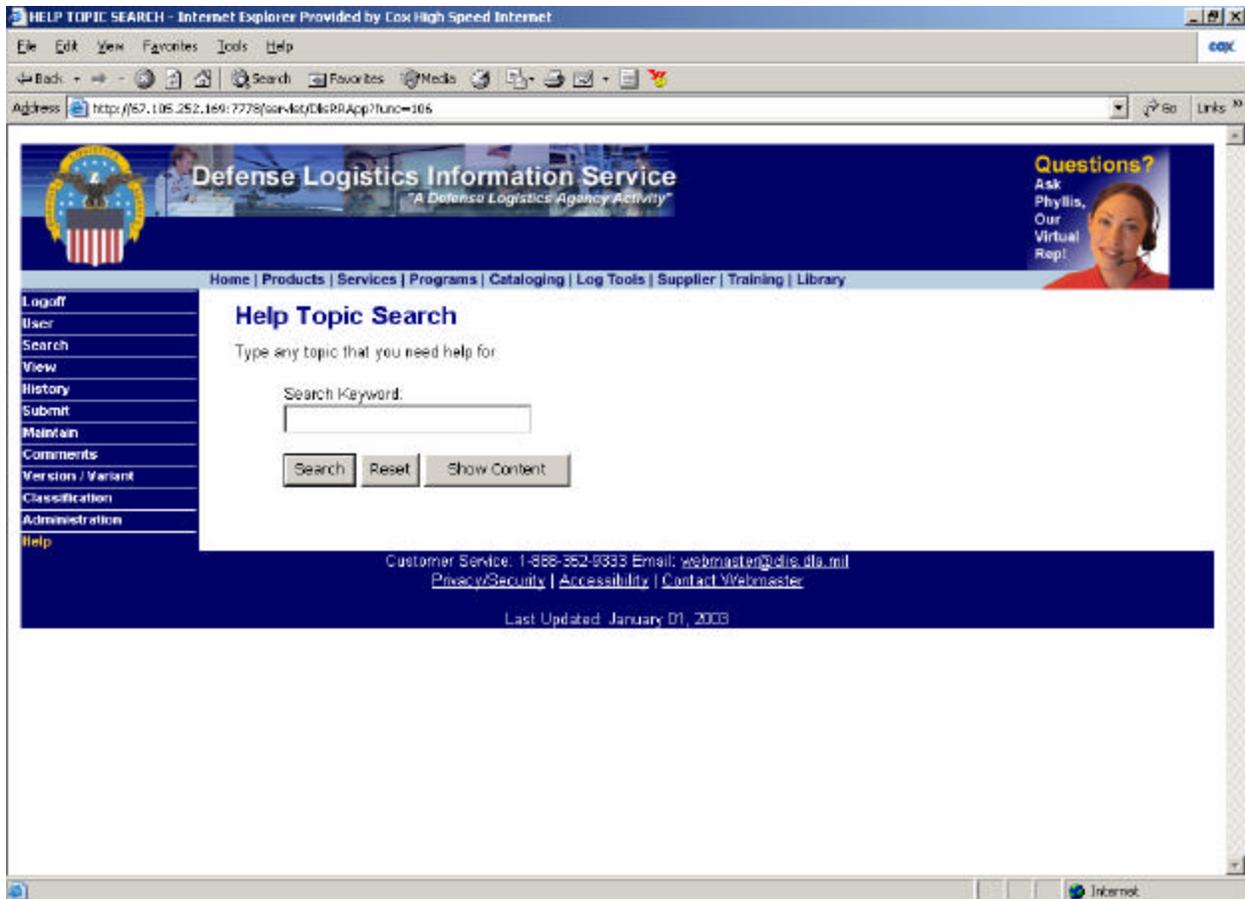


Figure 5.10-1 Help Page



## 6. USER TERMINAL PROCESSING PROCEDURE

This section provides the user with information on the use of PC workstations to accomplish processing using the XRL.

### 6.1. Capabilities

Data maintained in the XRL can be retrieved, displayed, and updated through a Web-based interface customized for a specific user. Tailored views allow users to focus and concentrate on the information and data that is most important to their mission objectives and goals.

Basic menu processing is accomplished via any standard Web Browser.

### 6.2. Access Procedure

The sequence of steps for accessing the XRL is detailed in paragraph 4.1.

### 6.3. Recovery from errors, malfunctions, and emergencies

The following lists basic error conditions and correction/recovery procedures:

Message	Solution
If the wrong item or option is selected.	Click on the Stop button or Back button on the Web Browser toolbar.
Disconnected by remote computer	Reinitialize Web Browser and login again.
Display seems "frozen" or is not responding	Click on the Refresh button on the Web Browser toolbar. Press ALT F4 to exit completely and reinitialize user session.
Invalid user id and password!	Re-enter Login ID and password.

### 6.4. Related Processing

To diagnose communication problems to or from a client or server, obtain the IP address of the server. A "ping" can be initiated to determine if the server is responding by following these procedures:

1. Select the *Run* option from the Windows Start button.
2. Type in *ping* and the *IP address* you want to ping.

- 
3. Observe the communication information and messages as they display in the dialog box
  4. Type *exit* to close the dialog box and return to the Windows desktop.

Should the "Reply timed out" message appear, a server is down and the user should try to reconnect later. Sometimes the user need only wait a few minutes and is the able to reestablish and maintain a connection to the network server.

In the event communication is disrupted and the user is disconnected from the XRL, the user must login to the database after re-initializing the Web Browser to reconnect to the XRL database.

### **6.5. Termination Procedures**

To terminate a user session from anywhere in the XRL database, press ALT F4 or select close on the file pull-down menu bar.

## APPENDIX A - ACRONYMS AND ABBREVIATIONS

<b><u>Acronym</u></b>	<b><u>Meaning</u></b>
ANSI	American National Standards Committee
API	Application Program Interface
ATS	Application Transaction Set
COTS	Commercial-Off-the-Shelf
CSS	Cascading Style Sheets
DIP	Data Information Packet
DLIS	Defense Logistics Information Service ( <i>formerly</i> Defense Logistics Services Center - DLSC)
DoD	Department of Defense
DOM	Document Object Model
DTD	Document Type Definition
ebXML	Electronic Business XML
FTP	File Transfer Protocol
GUI	Graphical User Interface
HTML	HyperText Markup Language
HTTP	HyperText Transfer Protocol
HTTPS	HTTP Secure
IEC	International Electrotechnical Commission
IETF	Internet Engineering Task Force
ISO	International Organization for Standardization ( <i>a.k.a.</i> , International Standards Organization)
JDOM	Java Document Object Model
MIL STD	Military Standard
OASIS	Organization for the Advancement of Structured Information Standards
PDIT	Product Data Integration Technologies, Inc.
SSS	System/Subsystem Specification



<b><u>Acronym</u></b>	<b><u>Meaning</u></b>
UDDI	Universal Description, Discovery, and Integration
UML	Unified Modeling Language
UN/CEFACT	United Nations Centre for Trade Facilitation and Electronic Business
UN/ECE	United Nations Economic Commission for Europe
URL	Universal Resource Locator
W3C	World Wide Web Consortium
WSDL	Web Services Description Language
XML	eXtensible Markup Language
XRL	XML Resource Library