## Release Bulletin Enterprise Portal 6.1 – Information Edition for Linux

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Торіс	Page
1. Accessing current release bulletin information	2
2. Product summary	2
2.1 Version contents	3
3. Special installation instructions	4
3.1 Installing into EAServer 5.0	4
4. Special upgrade instructions	4
5. Changed functionality in this version	4
5.1 Web Studio	4
5.2 Portal Interface	6
5.3 LDAP support	6
6. Known problems	6
6.1 Web Studio	6
6.2 Portal Interface	11
6.3 Tomcat server	12
6.4 Internet Explorer	13
6.5 Security	13
6.6 EAServer	14
7. Documentation updates and clarifications	15
7.1 Enterprise Portal Developer's Guide	15
8. Technical support	16
9. Other sources of information	17

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Торіс	Page
9.1 Sybase certifications on the Web	17
9.2 Sybase EBFs and software maintenance	18
10. Accessibility features	18

## 1. Accessing current release bulletin information

A more recent version of this release bulletin may be available on the Web. To check for critical product or document information added after the release of the product CD, use the Sybase Technical Library Product Manuals Web site.

#### Accessing release bulletins at the Technical Library Product Manuals Web site

- 1 Go to Product Manuals at http://www.sybase.com/support/manuals/.
- 2 Follow the links to the appropriate Sybase product.
- 3 Select the Release Bulletins link.
- 4 Select the Sybase product version from the Release Bulletins list.
- 5 From the list of individual documents, select the link to the release bulletin for your platform. You can either download the PDF version or browse the document online.

## 2. Product summary

Enclosed is Sybase Enterprise Portal 6.1 – Information Edition, which is compatible with the following platform and operating system configurations:

- Red Hat Enterprise Linux AS 2.1
- Web Studio runs on Internet Explorer versions 5.5 + and 6.0+
- Portal Interface runs on:
  - Internet Explorer version 5.5 service pack 2 with the following patches: Q319182, Q321232, Q328389, Q810847, Q323759, Q824145, Q823980, Q822925, Q312461, Q818529, Q330994

Internet Explorer version 6.0 service pack 1 with the following patches: Q827667, Q828750, Q330994, Q822925, Q824145, Q824145, Q824145, Q832894, Q837009, Q831167, Q823353

• Netscape version 7.01

### 2.1 Version contents

The Enterprise Portal 6.1 – Information Edition packaging includes:

- Media
  - Getting Started Enterprise Portal 6.1 Information Edition CD
  - Enterprise Portal 6.1 Information Edition CD
  - Technical Library Enterprise Portal 6.1 Information Edition CD
- Documentation
  - Enterprise Portal Installation Guide for Microsoft Windows
  - Enterprise Portal Release Bulletin for Windows this document
  - Online help text
  - Enterprise Portal 6.1 Information Edition Technical Library CD
  - Technical Library CD Installation Guide

The *Enterprise Portal* 6.1 – *Information Edition Technical Library* CD contains the following manuals in PDF format:

- The *Enterprise Portal Feature Guide* describes features available with Enterprise Portal 6.1.
- *Enterprise Portal Developer's Guide* describes how to develop and deploy portlets, portals, and their associated components, such as pages, catalogs, and so on. It also includes sample documentation for the Content Explorer.
- *Portal Interface User's Guide* describes the Portal Interface user interface and how to use Portal Interface to build and manage your content.

The Technical Library CD also contains the following related manuals:

• *jConnect for JDBC documents* – Enterprise Portal includes the jConnect<sup>TM</sup> for JDBC<sup>TM</sup> driver to allow JDBC access to Sybase database servers and gateways. The *jConnect for JDBC Programmer's Guide* is included on the CD in PDF format.

These manuals are also available online at Product Manuals at http://www.sybase.com/support/manuals in PDF and HTML formats.

## 3. Special installation instructions

## 3.1 Installing into EAServer 5.0

Enterprise Portal 6.1 – Information Edition requires the EBF 12222 to run EAServer if you performed an installation into EAServer 5.0. You can download EBF 12222 at http://downloads.sybase.com. Refer to the EBF cover letter for a description of the fixes included in the EBF.

## 4. Special upgrade instructions

See the Enterprise Portal 6.1 – Information Edition *Installation Guide* for upgrade instructions.

## 5. Changed functionality in this version

For details about the features, see the Enterprise Portal Feature Guide.

## 5.1 Web Studio

Note Portal Studio is now named "Web Studio."

- User interface changes, which include:
  - Web Studio name change to "Web Studio."
  - Manage menu options change
  - Deploy dialog box
- Portlet Builder:
  - Instead of displaying in one window when you save a portlet in Portlet Builder these options are now organized on tabs:
    - Content
    - Roles
    - Presentation
    - Administration

- There is a new Statistics tab when you click the Properties button, which displays the user who created the portlet, creation and modification dates, and other reference information.
- Custom portlet height you can enter the portlet height as a numeric value, in pixels.
- Portlet content display direction you can select either left-to-right or right-to-left display options for the portlet content.
- New file element allows you to create portlet elements that are based on files.
- Database element JNDI connection cache option when you define a database element, you now have the option to enter a JNDI Resource name.
- Continuous capture allows you to capture a set of related Web pages and define how to extract and display the content from those pages within Enterprise Portal.
- Server-side click-across portlets allows you to create events that start when you click the content in a portlet table. This functionality now includes server-side click-across, which lets you replace a portlet's content that is the source of an event with the content of another portlet.
- Flash grids allow you to create an interactive portlet so users can view tabular data as a sortable grid. You can also use the Flash grid to chart data using a bar chart, line chart, or pie chart.
- Portlet charting enhancements allows you to create drill-down charts using the charting post-processing wizard.
- Portlet importing and exporting allows you to export and import individual portlets without having to export or import the pages, page groups, or catalogs that contain the portlets.

**Note** XML validation must be turned off for the import, export, and deploy functionality to work. See "XML validation must be turned off for the import and export functionality to work" on page 9.

• Grid rule enhancements – allows you to create user-defined rules that alter the appearance and content of the grid for portlet elements that generate table-based content. Additional rules allow you to add new records or fields and alter record and field content.

### **5.2 Portal Interface**

Custom portlet height – allows you to customize the height of any portlet that can be edited; that is, portlets that display an Edit link in their title bar.

### 5.3 LDAP support

In this version of Enterprise Portal, the LDAP provider and the Common Security Infrastructure (CSI) realm work together to provide LDAP support. A CSI realm is a component that plugs in to either a Tomcat 4.1 Web application container or an EAServer 5.*x* application server. The LDAP provider supports authentication, attribution, and authorization.

## 6. Known problems

See the latest release bulletin for Enterprise Portal 6.1 – Information Edition for additional known problems. You can find the latest release bulletin at the Sybase Product Manuals Web site at http://www.sybase.com/support/manuals/.

## 6.1 Web Studio

# 6.1.1 Set the charset of applications to UTF-8 if the content contains special characters

[CR #361553] When an application grid contents contain special characters like ® or ', it causes the XML to break.

*Workaround*: Set the charset of applications to UTF-8 if the contents contain special characters.

### 6.1.2 Cannot create Web element using HTTPS

[CR #361078 & 361070] When you log in to Web Studio using "opsuper" using the HTTP protocol, then create a portlet and enter an HTTPS Web site in the location field, you see "This is an invalid request. No portlet definition exists for the requested portlet. You cannot create the Web element using HTTPS.

*Workaround*: Download and install the latest security patches for Internet Explorer 6.0 or 5.*x* to be able to use HTTPS with EP 6.1: IE6.0 SP1 with Q828750, Q330994, Q824145, Q832894, Q837009, Q831167, Q823353

#### 6.1.3 Portlet content not sent when you create a new agent with SMS support

[CR #361616] When you create a new agent in the Agent Builder, and select Add | Notify | SMS, the content of the portlet cannot be sent unless you select the box to the left of Include Message.

*Workaround*: You must select the Include Message box, and enter a message in the field that displays. There is a size limit for the message you include. If you exceed the limit, the message is not sent.

### 6.1.4 Pre-made Flash templates are only available with the default resource

[CR #357647] The pre-made Flash templates included with the default resource (rid=1) are not available in other resources (co-branded portals).

*Workaround*: You can manually create the templates in each new resource, or you can import portlets that use the templates in to the new resource, which also imports the templates.

### 6.1.5 You can define only one element in portlets with multiple elements

[CR #361645] If a portlet includes more than one element you can define events only on one of the elements. You can select each element for event definition, but only the last event defined is saved and used.

Workaround: None.

### 6.1.6 Alert messages that use SMS support not sent if size limit is exceeded.

[CR #361562] From Agent Builder | Add | Notify | SMS, when you select the Include Message box and enter a message in the field that displays, if the message exceeds the size limit, the message is not sent. This is expected behavior.

*Workaround*: When you enter a message for an alert that uses SMS support, do not exceed the size limit of 110 characters.

# 6.1.7 A Web service portlet that has response content for multi-layered XML content does not display correctly

[CR #360262] The content for multi-layered XML portlets does not display correctly. For example, if the Symbol value is "AFRT" and the Name is "American Fire Re," the application displays some numerical values for both fields. *Workaround*: You can customize a content XSLT template to filter out the Web Service response. The customized template can be used for the Web services response with one layer of XML content since you are mapping the XML structure to a grid structure.

The content XSLT should ensure that the output XML is in this format:

```
<data>
<Record>
<Field op_label="col1" op_position="1">Data11</Field>
<Field op_label="col2" op_position="2">Data12</Field>
</Record>
<Field op_label="col1" op_position="1">Data21</Field>
<Field op_label="col2" op_position="2">Data22</Field>
</Record>
</Record>
</Record>
```

# 6.1.8 Editing the SQL definition in database portlets could break the filter rules for the portlet

[CR #358823] If you edit the SQL definition in a database portlet and it changes the columns or data, it could break existing filter rules for the portlet.

Workaround: You may need to re-create the filter rules for the portlet.

# 6.1.9 Users created in the LDAP server must log in to the Portal Interface to activate their profile

[CR#359766] When a user is created in the LDAP server, the user's profile is not created until the user logs in to Portal Interface, so the user's information cannot be changed or saved from Web Studio Manage | Portal | Users.

Workaround: The user must log in to Portal Interface.

#### 6.1.10 Raw XML data displays when saving XSL

[CR #335024] When you create a document element with an XML file, then select an XSL file, save it, and preview it, it displays with raw XML data. No transformation occurs.

*Workaround*: Use the embedded XSL directive in your XML file and let the browser perform the transformation.

### 6.1.11 When deleting portlets, dependencies on agents are not checked

[CR #356299] When the administrator deletes a portlet, the portlet checks for dependencies on pages, page groups, catalogs, and applications, but it does not check for dependencies on agents. Therefore, you can delete portlets with dependencies on agents without getting a warning, and the agent containing the portlet continues to run and send alerts to users.

*Workaround*: The administrator must remove the portlet from the agent's rule and action.

# 6.1.12 XML validation must be turned off for the import and export functionality to work

[CR #355835] If XML validation is turned on in *global.properties.xml*, when you export only portlets, or all entities, then do an import, you receive a connection error: java.lang.NullPointerException.

#### Workaround:

- 1 Open *global.properties.xml* in a text editor. The default location of this file is *\$SYBASE/infoedition/tomcat/webapps/onepage/config*.
- 2 Find the <Property name="XmlValidation">and verify that the value is set to "off." If not, change it.
- 3 Save the file and close the text editor.
- 4 Restart the application server.

# 6.1.13 Different language character sets with UTF-8 encoding appear as question marks

[CR #316267] If you are using UTF-8 encoding and content for a portlet uses a different character set than the one specified for the portlet, characters inside the portlet may appear as question marks.

#### 6.1.14 Updating pages and page groups

[CR #346402] Pages and page groups do not update correctly.

*Workaround*: Using any text editor, open the *global.properties.xml* file. If you are using Tomcat, the file is located in

*\$SYBASE/onepage/config/global.properties.xml*. If you are using EAServer, the file is located in *\$JAGUAR/Repository/WebApplication/onepage/config*.

Search for "deferupdate", and change the "deferupdate" value to "on" so it looks like this:

```
Property name="deferupdate" value="on"
description="on/off"
```

Save and close the file.

#### 6.1.15 On Smartphones, empty fields display as "&#160"

[CR #361904] "&#160" displays in empty cells when you view a portlet from a Smartphone. For example, when you create a database portlet and do not enter a value in the Insert Field of the filter rule, when you view the portlet, the field displays "&#160."

Workaround: Enter "-" in the field.

## 6.1.16 Server-side click-across portlet does not display correctly if linked to a portlet with multiple database elements

[CR #361665] When a portlet with server-side click-across is linked to a portlet with two database elements, the server-side click-across portlet does not display correctly.

*Workaround*: To use server-side click-across the linked portlet must be a singleelement portlet.

# 6.1.17 JPEG charts do not work properly on WAP phones if the chart portlet takes CGI parameters

[CR #361753] On a JPEG chart portlet, when you input the value to the CGI parameter field and press OK on Smartphone devices, the request is not submitted. This functionality is not supported on Smartphones.

*Workaround*: Make the CGI parameter invisible by setting the Default Value, and setting the Display Type to "None" and unchecking the checkbox of Required, then use the server-side click-across feature.

## **6.2 Portal Interface**

# 6.2.1 After self-registering through a shared page, the user cannot access the shared page

[CR #358226] When an unregistered user receives a shared page, they can self-register by clicking the "Join Now" link, but the user is then unable to get the shared page.

*Workaround*: To get the shared page, the user must log in to Portal Interface again using the link in the shared page e-mail.

#### 6.2.2 Alert feature works only on default resource identifier "1"

[CR #362152] The Alert feature does not work on resource identifiers (rid) other than the default, 1.

Workaround: Modify the agentbuilder.jsp:

1 If you are using Tomcat, from a terminal window navigate to \$SYBASE/infoedition/tomcat/webapps/onepage/home/docapps/ agentbuilder.

If you are using EAServer, the file is located in *\$JAGUAR/Repository/WebApplication/onepage/home/docapps/agentbuilder*.

- 2 Copy *agentbuilder.jsp* to *agentbuilder.jsp-orig* as a backup.
- 3 With a text editor, open *agentbuilder.jsp* and search for this line:

```
<%if (_apps.equals("pi") && _pi_cmd.equals
("addSchedule") ) { %>
var IDsNode1 =requestDoc.selectSingleNode
("//RequestDef/RequestType/IDs");
```

4 Modify the line "&& \_pi\_cmd.equals("addSchedule") ) {%>" so it looks like this:

<%if ( \_apps.equals("pi")) { %>

5 Save and close the file.

# 6.2.3 Access granted problems appear unless the PortalUser role is selected during self-registration

[CR #316267] If the PortalUser role is not selected when you self-register in Portal Interface, "access granted" problems appear.

*Workaround*: Select the PortalUser role when self-registering in Portal Interface.

#### 6.2.4 Page group names have a 25-character limit

[CR #361432] Page group names have a 25-character limit. Once you enter 25 characters for the page group name, no more input is accepted.

For Japanese characters, 64 bytes are allocated for the page group name in the database table so only 21 of the Japanese characters are saved for the group name, as each Japanese character requires 3 bytes in a UTF8 database. This truncation gives no warning.

*Workaround*: Do not go over the character limit when assigning names to page groups.

### 6.3 Tomcat server

#### 6.3.1 Tomcat does not start after upgrading

[CR #365777] After performing the upgrade from version 6.0, Tomcat may not restart.

*Workaround*: If you receive a "tomcat failed to start" message, find the infoedition60/jdk1.3.1/bin/i386 process by entering:

ps -ef

Kill the process by entering:

kill -9 <processid>

Go to the infoedition60 directory and enter:

starttomcat.sh

### 6.3.2 User must have the manager role before deploying a WAR application

[CR #315390] The Tomcat server requires a user to be assigned the manager role before he or she can deploy a WAR application using Web Studio.

The OPSUPER (the user name is case sensitive), with the password of Opsuper (the first character is a zero) is assigned the manager role by default. The manager role is also included in the *global.properties.xml* property registration.userJ2EEroles. This causes the manager role to appear in the list of available roles when users self-register using the Join Now link in the login portlet.

You can also assign the manager role to existing users. Security-conscious advisors can remove the manager role after creating a user who can deploy WAR applications.

## 6.4 Internet Explorer

# 6.4.1 Cannot log in to Portal Interface or Web Studio using IE 6.0 with the Q832894 cumulative security upgrade patch

[CR #358368] When using IE 6.0 with the Q832894 cumulative security upgrade, you cannot log in to Portal Interface or Web Studio through container authentication using LDAP.

Workaround: From the Control Panel, uninstall the Q832894 patch.

## 6.5 Security

# 6.5.1 Users who log in to Web Studio are not able to access objects the first time

[CR #356085] Web Studio users created from LDAP with all roles cannot access objects the first time they log in because the user's information is not yet in the user's table.

Workaround: Log out and log in again.

## 6.6 EAServer

# 6.6.1 Cannot connect to Portal Interface if EAServer does not start with the correct JDK version

[CR #361877] After installing Unwired Accelerator into EAServer, EAServer is restarted by the *serverstart.sh* script automatically, but it may start with JDK13. This causes a "ClassNotFound" exception in the *portal.err* log file, and the user cannot connect to Portal Interface.

*Workaround*: Verify that EAserver restarted with the correct JDK version by checking the Jaguar.log for the following:

Jul 20 13:27:58 2004: 180389-Java virtual machine initialized: javaversion 1.4.2\_03 Jul 20 13:27:58 2004: 180389-Java virtual machine initialized: Java HotSpot(TM) Client VM (version 1.4.2 03-b02, mixed mode)

If EAServer did not start with the correct JDK version, shut down EAServer and restart it using serverstart.sh -jdk14.

### 6.6.2 Content Capture does not work if Proxy Protocol is set to HTTPS or HTTP

[CR #365116 & 365870] When the HTTP Config Proxy Protocol is set to HTTPS or HTTP, Content Capture fails when creating a portlet in Web Studio.

Workaround: Reset HTTP Config Proxy Protocol to blank:

- 1 In EAServer Manager under Servers, right-click Jaguar and select Server Properties.
- 2 Select the HTTP Config tab.
- 3 Change the Proxy Protocol field from HTTPS or HTTP to blank.
- 4 Click OK.

#### 6.6.3 JSPs with multi-byte data do not display correctly in the browser

[CR #362621] If Unwired Accelerator is running on EAServer, JSPs that have multi-byte data do not display correctly in the browser.

*Workaround*: The following declaration must be added to the beginning of the JSP file:<% @ page contentTYpe="text/html;charset=CHARSET-NAME"%>

Replace CHARSET-NAME with the name of the character set that matches the data in the JSP.

## 7. Documentation updates and clarifications

## 7.1 Enterprise Portal Developer's Guide

### 7.1.1 Option omitted from Web Studio left pane

The *Enterprise Portal Developer's Guide*, section "Selecting a Web Studio left pane menu option" in chapter 1, omits the Manage | Personalize menu option in the Web Studio left pane. However, the Personalize option is documented in Chapter 7, "Personalizing Portal Content" of the *Enterprise Portal Developer's Guide*.

### 7.1.2 Appendix D, "Using the Web Studio Samples"

In the procedure "Building and deploying the address book portlet":

- In step 8, the initial resource should be /index.jsp, not index.jsp.
  - In step 16, select these values in these fields:
    - Default Size Show All
    - Content Cache Interval Real Time
    - Roles Everyone
- You do not need to perform the "Creating a Servlet Alias" procedure. The necessary aliases are created automatically.
- The "Customizing *personalization.properties*" procedure is not needed. There is not a *personalization.properties* file in this release. Use the PersDBCache connection pool instead.
- It is not necessary to restart EAServer during deployment of this Web application.

In "Application files," Table D-1, the listed files are contained within the *addressbook.jar*.

In "Implementation Details":

- It tells you to see the JSP portlets documentation in %EASERVER%\Repository\WebApplication\onepage\docs\javadoc\index -all.html for a list of variables that are accessible from pages through the request object, but there is no relevant information in this documentation for the sample.
- In "Accessing the database," the sentence that says "The personalization APIs use a JDBC connection—the data source, user name and password values are saved in the *personalization.properties* file." should say: "The personalization APIs use a jdbc/PortalDatabase JNDI lookup for a JDBC resource to retrieve connections to the database."

The *Enterprise Portal Developer's Guide*, section "Selecting a Web Studio left pane menu option" in chapter 1, omits the Manage | Personalize menu option in the Web Studio left pane. However, the Personalize option is documented in Chapter 7, "Personalizing Portal Content" of the *Enterprise Portal Developer's Guide*.

[CR #314150] Chapter 9, "Deploying Portal Objects" in the *Enterprise Portal Developer's Guide*, in the section "Deploying portal objects to a remote server" describes functionality that is not yet supported. Currently, you can deploy portal objects only when Web Studio and Portal Interface are running in the same application server.

[CR #318393] When you create a co-brand, portal objects must exist in the new resource. A portal must contain at least one guest page that is approved and active.

After you create and approve the co-brand guest page in Web Studio, select Approved from the Status menu, select the guest page you just created, then click Update on the Page Manager toolbar and follow the instructions that display to update Portal Interface with the new page.

[CR #321959] The Developer's Guide should instruct the user to perform an Update operation in Web Studio after deleting or changing a page in order for the changes to take effect in Portal Interface. If the Update is not performed, the old or deleted pages still display in Portal Interface.

## 8. Technical support

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase Technical Support. If you have any questions about this installation or if you need assistance during the installation process, ask the designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

## 9. Other sources of information

Use the Sybase Getting Started CD, the Sybase Technical Library CD, and the Technical Library Product Manuals Web site to learn more about your product:

- The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the Technical Library CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader (downloadable at no charge from the Adobe Web site, using a link provided on the CD).
- The Technical Library CD contains product manuals and is included with your software.

Refer to the *Technical Library Installation Guide* in your documentation package for instructions on installing and starting the Technical Library.

• The Technical Library Product Manuals Web site is an HTML version of the Technical Library CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

To access the Technical Library Product Manuals Web site, go to Product Manuals at http://www.sybase.com/support/manuals/.

### 9.1 Sybase certifications on the Web

Technical documentation at the Sybase Web site is updated frequently.

- \* Finding the latest information on product certifications
  - 1 Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.
  - 2 Select Products from the navigation bar on the left.
  - 3 Select a product name from the product list and click Go.
  - 4 Select the Certification Report filter, specify a time frame, and click Go.
  - 5 Click a Certification Report title to display the report.
- Creating a personalized view of the Sybase Web site (including support pages)

Set up a MySybase profile. MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

- 1 Point your Web browser to Technical Documents at http://www.sybase.com/support/techdocs/.
- 2 Click MySybase and create a MySybase profile.

### 9.2 Sybase EBFs and software maintenance

#### \* Finding the latest information on EBFs and software maintenance

- 1 Point your Web browser to the Sybase Support Page at http://www.sybase.com/support.
- 2 Select EBFs/Maintenance. Enter user name and password information, if prompted (for existing Web accounts) or create a new account (a free service).
- 3 Select a product.
- 4 Specify a time frame and click Go.
- 5 Click the Info icon to display the EBF/Maintenance report, or click the product description to download the software.

## 10. Accessibility features

This document is available in an HTML version that is specialized for accessibility. You can navigate the HTML with an adaptive technology such as a screen reader, or view it with a screen enlarger.

Enterprise Portal 6.1 – Information Edition and the HTML documentation have been tested for compliance with U.S. government Section 508 Accessibility requirements. Documents that comply with Section 508 generally also meet non-U.S. accessibility guidelines, such as the World Wide Web Consortium (W3C) guidelines for Web sites.

The online help for this product is also provided in HTML, which you can navigate using a screen reader.

**Note** You might need to configure your accessibility tool for optimal use. Some screen readers pronounce text based on its case; for example, they pronounce ALL UPPERCASE TEXT as initials, and HTML Text as words. You might find it helpful to configure your tool to announce syntax conventions. Consult the documentation for your tool. For information about how Sybase supports accessibility, see Sybase Accessibility at http://www.sybase.com/accessibility. The Sybase Accessibility site includes links to information on Section 508 and W3C standards.