

Cumulus® Web Client 8.1

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Overview

Canto® Cumulus Web Client is the perfect tool to provide catalogs online. Users can catalog assets over the web and even edit metadata with a standard Web browser. They can comfortably search for cataloged assets, collect them into a collection basket and convert them as required. They can choose their preferred method of asset delivery – download, e-mail, or CD ROM shipment – in the built-in ordering system. Connected users can access any Cumulus catalogs and cataloged assets to which they have permissions access. Permissions options are based on the Cumulus edition in use – all permissions configured on the Cumulus Server are honored.

Web Client allows a Web designer to build a Website based on Java Server Pages (JSP) and JavaServlet, technology. It supports Web 2.0 and uses Ajax (Asynchronous JavaScript and XML). It is based on the Cumulus Java Classes. It consists of a set of JSPX pages, a Cumulus tag library and a JavaBean. The tag library offers a set of custom tags that can be used in JSPX pages to add functionality on the server side to quickly build complex Websites without ever using the Java programming language. The JavaBean is a convenient way to store HTTP request parameter in a JSPX page.

For details on all Canto's Digital Asset Management products and services go to: www.canto.com

System Requirements

- Windows 7, Windows Vista™ (and latest patches), Windows XP (SP2 and latest patches), Windows Server™ 2003 (SP1 and latest patches), or Windows Server™ 2008 – all including Microsoft Windows Installer 3.1
- Mac OS X version 10.4/10.5/10.6 (latest patches recommended) or Mac OS X Server version 10.4/10.5/10.6 (latest patches recommended)
- SOLARIS 9 (or later) for SPARC processors
- Linux x86 (libc version 6, kernel version 2.4 or 2.6, libstdc++ version 5)
Tested on: openSUSE 10; openSUSE 11; Red Hat Enterprise 5
Not supported: Red Hat Linux 8.x; SuSE Linux 8.x and lower
- SUN Java2 SDK (J2SE SDK) 1.5 (even for a 64-bit operating system the 32-bit version is required) or higher (e.g. JDK 6) Can be downloaded from Sun's Java Website: <http://java.sun.com>
- Cumulus Workgroup or Cumulus Enterprise Server 8.1 or later with an active Web Client 8.1 serial number.
- Cumulus Java Classes 8.1
- Web Application Server supporting Servlet API 2.4 – JSP2.0 - or later
if Jakarta Tomcat is employed: it has to be at least version 6.0.20

NOTE: For your convenience the Cumulus Web Client installer includes a Web Application Server (Jakarta Tomcat 6.0.20 and the Cumulus Java Classes 8.1).

Product Documentation

Cumulus Web Client comes with the following manuals in PDF format:

- "Cumulus Web Client – Administrator Guide". This guide describes how to install and configure Web Client.
- "Cumulus Web Client – Quick Reference User Guide". This guide describes how to use a Cumulus Web Client out-of-the-box installation with a Web browser.

You can download the documentation from the Canto website.

Installation

Detailed installation instructions on installing the Cumulus Web Client components can be found in the "Cumulus Web Client – Administrator Guide."

NOTE: Jakarta Tomcat Web application server

Before you configure Web Client, the Tomcat Web application server must have been started once to unpack the WAR file. In addition under Solaris, you have to invoke the URL accessing Web Client. The default URL is `http://0.0.0.0:8080/CumulusE`. Replace 0.0.0.0 with your Web application server's IP address. 8080 is the default port used by the Web application server).

Known Issues

Running on Mac OS X 10.4

When running the Web Client Web application on Mac OS X 10.4 it is necessary to disable a Java option that was introduced for 10.6 (Snow Leopard). With Mac OS X 10.5 (Leopard) no problems occur but for Mac OS 10.4 (Tiger) the according parameter needs to be omitted in order to get Web Client running properly.

When running the Web Client Web application on Mac OS X 10.4, change the following lines in the `setenv.sh` in the `bin` directory of the Apache Jakarta Tomcat Web application server:

```
JAVA_OPTS=-d32
Export JAVA_OPTS
to
# JAVA_OPTS=-d32
# Export JAVA_OPTS
```

NOTE: Without that change the following error is being logged to the `catalina.out` file:
Unrecognized option: -d32
Could not create the Java virtual machine.