



Cumulus® Internet Client Pro 8.0.2

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Overview

Canto® Cumulus Internet Client Pro (ICP) is the perfect tool to publish 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. Appropriate access rights are granted with the integration of the Cumulus 8 user management.

Internet Client Pro 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 or later
J2SE SDK can be download from: <http://java.sun.com/j2se/downloads.html>
- Cumulus Workgroup or Cumulus Enterprise Server 8.0 or later with an active Internet Client Pro 8.0 serial number.
- Cumulus Java Classes 8.0.2
- Web Application Server supporting Servlet API 2.4 – JSP2.0 - or later
if Jakarta Tomcat is employed: it has to be at least version 5.5
- For Dreamweaver integration use Macromedia Dreamweaver MX

NOTE: For your convenience the Cumulus Internet Client Pro installer includes a Web Application Server (Jakarta Tomcat 5.5.23) and the Cumulus Java Classes 8.0.2.

Product Documentation

Cumulus Internet Client Pro comes with the following manuals in PDF format:

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

Cumulus Internet Client Pro also provides technical documentation. This HTML-based documentation describes how to customize Cumulus Internet Client Pro.

You can download the documentation from the Canto website.

Installation

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

NOTE: Jakarta Tomcat Web application server

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

When running the Internet Client Pro 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.
```