Cumulus® HELIOS Companion 8.0.2

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Overview

Cumulus® HELIOS Companion, as part of Canto's Digital Asset Management software, automatically synchronizes Cumulus catalogs and HELIOS EtherShare/PCShare volumes. HELIOS Companion 8.0 supports Cumulus 8.x. HELIOS Companion is based on the Cumulus Java Classes.

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

Requirements

The system requirements depend on the Cumulus Java Classes version used. Cumulus Java Classes 8.0.2 are included in HELIOS Companion 8.0.2.

- Cumulus Workgroup or Cumulus Enterprise Server 8.0.2 or later with an active HELIOS Companion Option serial number.
- Cumulus Java Classes 8.0.2 (same requirements as for Cumulus Server 8.0.2)
  – 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 OR 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
- HELIOS Companion requires a UTF-8 locale.
  NOTE: HELIOS Volumes containing the monitored folders have to be configured to UTF-8.
- HELIOS EtherShare 3.1 (and optional additionally for connecting Windows computers to the server: PCShare 3.1). Follow the HELIOS recommendations for using an AFP 3.1 compatible version to support long file names.
- HELIOS ImageServer 2.5 with current updates (minimum u0313; u411 or higher recommended)
- PDF HandShake 2.1 (optional)
- 50 MB hard disk space for installation
- 20 MB RAM minimum for the Cumulus HELIOS Companion components
- TCP/IP protocol running

NOTE: HELIOS Companion and Cumulus Server on the Same Machine!
If you want to run HELIOS Companion on the same machine as your Cumulus Server, the installed operating system has to meet the system requirements of the Cumulus Server as well as those of the Cumulus Java Classes used by HELIOS Companion.

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Installation

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

NOTE: HELIOS Synchronizer not integrated with HELIOS Service Controller!
To make sure that after a reboot of the machine the HELIOS Synchronizer is started, include the start-synchronizer.sh script in one of your starting routines. Take into account that the Cumulus Server and the HELIOS OPI services have to be started before the HELIOS Synchronizer can be started.

Product Documentation

Cumulus HELIOS Companion comes with the following manual in PDF format:

- Cumulus HELIOS Companion – Administrator Guide

The PDF manual can be downloaded from the Canto website.

Notes in Addition to the Manual

Resynchronizing

Before you start any resynchronizing process, make sure that the contents of the included volumes and folders will not change during the process. Furthermore, the contents of the included volumes and folders should not be changed before all Synchronize Setups are started again.

HELIOS Filter

For most installations, we recommend that the HELIOS Filter entry for the EPS format should have a lower entry number than the Cumulus EPS Filter or the Cumulus EPS Filter should even be deactivated. You need the HELIOS Filter only for handling PDF files if you have PDF HandShake installed.
The HELIOS Filter supports XPPV files for Adobe InDesign and QuarkXPress. For QuarkXPress 6.1 it does not support thumbnails.

More than 20 Synchronize Setups Running

If you have more than 20 Synchronize Setups running with your Cumulus installation we recommend increasing the value for delay (in the Preferences section of the HELIOS Companion Setup window) to 90 seconds.

Limitations

The name of a Synchronize Setup must not contain special characters.
The following characters are allowed: a-z, A-Z, 0-9, and +, -, _

Known Issues

Running on Mac OS X 10.4

When running HELIOS Companion on Mac OS X 10.4 it is necessary to disable a Java option that was introduced for 10.6 (Snow Leopard). On Mac OS X 10.5 (Leopard) HELIOS Companion runs properly without any changes.

When running HELIOS Companion on Mac OS X 10.4, delete the "-d32" parameter in the following shell scripts:

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- **resynchronize.sh:**

change
java -d32 -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizer -resynchronize $*
to
java -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizer -resynchronize $*

- **start-synchronizer.sh:**

change
exec ./bin/$PROGNAME java -d32 -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizer -startup $*
to
exec ./bin/$PROGNAME java -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizer -startup $*

- **synchronizer-options.sh:**

change
java -d32 -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizerDlg $*
to
java -Duser.language=$USER_LANGUAGE com.canto.cumulus.helios.HeliosSynchronizerDlg $*

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

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