FlipFactory®

ADMANAGER AND NOVAR INTEGRATION

This App Note applies to FlipFactory versions 7.0 & later

Synopsis

To integrate AdManager with Novar to auto-generate AdManager-compatible dub list files, AdManager should be configured with an account (Novar-DubList, for example) and two pre-processing factories (in addition to any product transcoding factories).

If AdManager does not have a Novar-Dublist account and pre-processing factories, you need to create them. This process is described in AdManager for Cable Configuration and User's Guide, Chapter 5, Dub List Processing and Integration, under Integrating a Novar System.

Workflow Overview

The operator produces an MVL list from Novar and saves it in the Novar-PrettyPrint factory monitor's target folder for ingest. If media is destined for a Seachange MVL, the operator also manually produces the zdigital.dir file; for HQ, the file is produced automatically.

The first factory (Novar-PrettyPrint) ingests an HTML file from Novar with dublist entries. It converts the HTML file into an XML file in preparation for Factory No. 2 (Novar-Dublist), the MetaFlip factory.

The Novar-Dublist factory's monitor ingests the XML file, transforms it into an AdManager-compatible dub list in text file format using Novar.xsl, and saves it in the target directory for the product factory monitor.

The AdManager product factory's dub list monitor uses this dub list in the MCC/Operations account to automatically submit media jobs and deliver the output media to an HQ or MVL server.
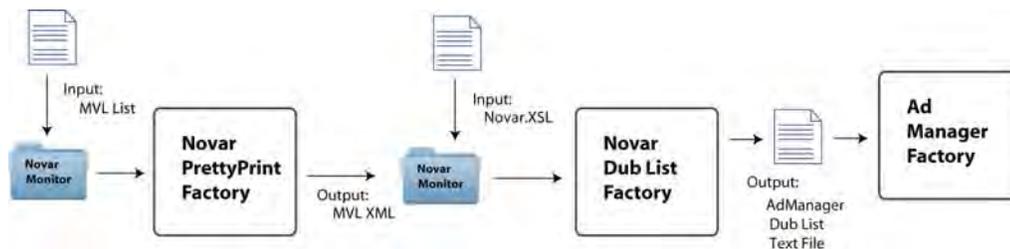
The Novar system produces an 'MVL' list, which is not to be confused with SeaChange MVL. MVL lists are used to determine what media is needed in the future that is not currently on the HQ or Seachange MVL.

The MVL list from Novar references tables in the SeaChange or Arris HQ zdigital.dir file and Novar database and compares what has been put into the system and what spots still require encoding. The entries that are still needed are saved as an HTML file in the Novar-PrettyPrint factory for ingest.

Producing an MVL List from Novar

The following steps describe how to create the MVL listing file in Novar, for use either with an HQ system or a SeaChange MVL system. You must perform this task each time you want to produce and process the dub list in your AdManager factory.

Create the zdigital File in SeaChange

The zdigital file is compared with the Novar MVL listing to remove existing destination files from the MVL listing before sending it to your AdManager Novar-Dublist factory as a dub list.

If you're outputting media to a Seachange MVL, proceed with these steps to manually produce the zdigital file. If you're outputting to an HQ system, the zdigital file is created automatically, so skip to and continue from there.

1. To display an MVL list of videos, run SeaChange Scheduler and select View > Videos:

Select Videos on the View menu

2. Wait for *The list of videos is completed!* to display, then click OK.

3. Select File > Save As, and save the file as Novar (*.dir) to a known location.

Note: *The zdigital.dir file is in text format, which can be opened with Notepad. This file is a list of videos, which is the output produced when you run View > Videos in SeaChange Scheduler. The file contains the list of videos that currently exist on the SeaChange MVL.*

Produce the MVL Listing

1. To run the Novar MVL program, double-click the MVL program shortcut icon on the PC desktop:

   Double-click the Novar MVL shortcut icon

2. To display the MVL listing report options, select Schedule Reports > MVL Listing:

   Select Schedule Reports

   Select MVL Listing
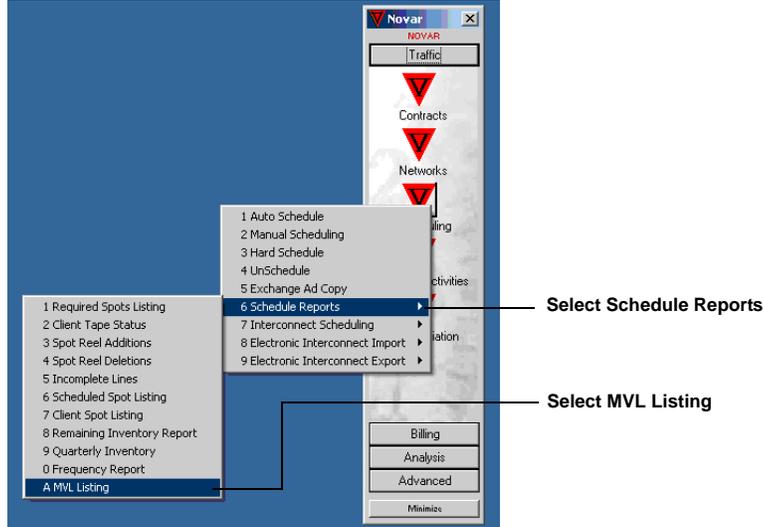
3. Enter the start and stop dates of items to be checked. Typically the Zone Group, Network, and Sort By fields do not need to be changed. Select HTML in the Print To radio button box. Click Go to produce the report:

   Enter start and stop dates

   Typically, no need to change

   Select HTML

   Click Go
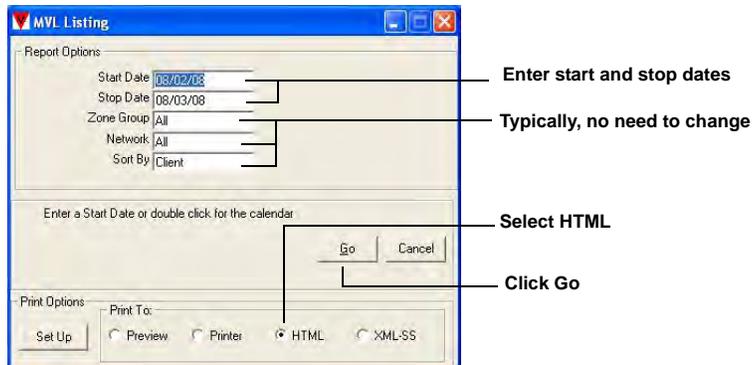
4. When the Open window displays, click Yes to save the MVL list in the Novar-PrettyPrint factory monitor. This will cause the PrettyPrint and Novar-Dublist factories to ingest and convert the HTML file.

Process the zdigital File

1. In the *Look in* drop-down window, navigate to and select the zdigital.dir file that has been saved from Seachange (or was created automatically by HQ). Double-click on this file to process it. The Novar Progress Display shows the progress as the two files are processed to produce the final dub list:
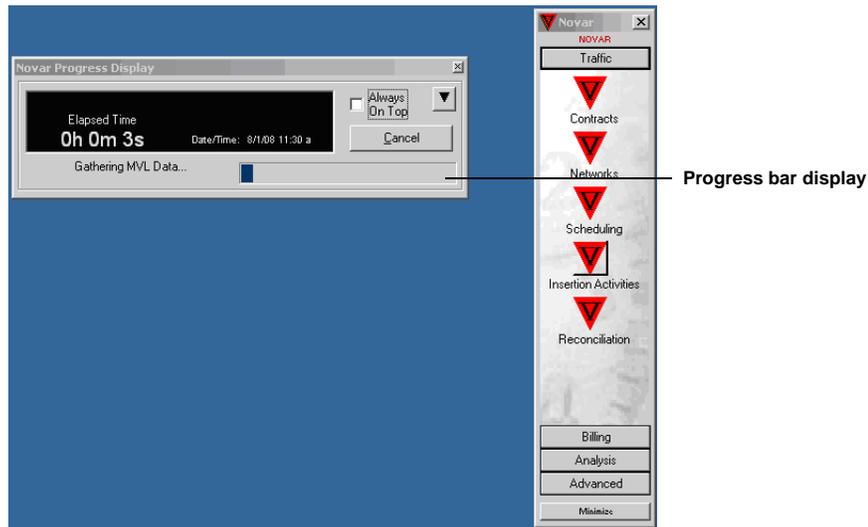
2. Wait for the Novar Progress Display to finish (up to several minutes), and a Save Report window displays. Navigate to the folder where the HTML file dub list is monitored by the PrettyPrint factory and click Save.

3. When the MVL listing window displays, click Cancel to exit the MVL application.

Note: *The MVL_listing.htm file can also be opened in Windows Explorer to view the report.*

Copyright and Trademark Notice

Limited Warranty and Disclaimers