Dalet/Amberfin iCR Transcoder
Signiant Components
Version1.0

What it is

This product is a functional extension to the standard Signiant Workflow Engine. It consists of two Agent components that integrate seamlessly into the engine. They allow to drive transcoding jobs on Dalet/Amberfin's iCR transcoder, either on single iCR machines or iCR clusters.

What to use it for

This product integrates Dalet/Amberfin iCR transcoding services into the Signiant Workflow Engine, allowing Signiant workflows to make use of the transcoder's file based processing services, such as high quality standard conversion, de-interlacing and software scaling.

How it works

There are two components included in this product. The 'AmberfinQueue' component is used to create tasks. It does so by taking a list of files to be processed and starting individual jobs on the Amberfin transcoder by calling its API. The list of task ids and error messages are reported back to the Signiant Workflow Engine.

The 'AmberfinWait' component is responsible for checking the state of previously created tasks. It returns the list of transcoded (or failed) files.

Specifications

The 'AmberfinQueue' component takes, among others, the following parameters:

- A list of source files in either a comma-separated list or Signiant's Siglist Xml format
- Either a transcoding profile and template or…
- Amberfin transcoding template in Xml format
- Destination directory

It returns

- A list of task ids

The 'AmberfinWait' component takes, among others, the following parameters:

- A list of task ids

It returns

- A list of transcoded files in Siglist Xml format
- A list of source files that were successfully transcoded
- A list of source files that failed to transcode