Snell Alchemist OD
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 run transcoding jobs with Snell's Alchemist OD software.

What to use it for

This product integrates the Snell Alchemist OD software into the Signiant Workflow Engine, allowing Signiant workflows to make use of the Alchemist file based processing services, such as high quality standard conversion, de-interlacing and scaling by using Nvidia's GPU computer hardware for a limited set of source and target formats.

How it works

There are two components included in this product. The 'AlchemistSubmitJob' component is used to create tasks. It does so by taking a file to be processed and starting a job on the transcoding software by calling its API. The task id and possible error messages are reported back to the Signiant Workflow Engine.

The 'AlchemistJobStatus' component is responsible for checking the state of previously created task. It returns the transcoded file.

Specifications

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

- The input file
- A transcoding profile
- Target directory and filename

It returns

- Task id of the created job

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

- A task id

It returns

- The path and filename of the transcoded file