

Minnetonka AudioTools Server

Signiant Components

Version 1.0

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 make use of Minnetonka's AudioTools Server from within Signiant Workflows.

What to use it for

This product integrates Minnetonka AudioTools Server into the Signiant Workflow Engine, allowing Signiant workflows to make use of AudioTool's file based processing services, such as up-mixing, compression, R128 loudness correction or other highly sophisticated audio processing services.

How it works

There are two components included in this product: AudioToolsQueue and AudioToolsWait. The Queue component takes an AudioTools workflow definition in XML format and a list of files to be processed by AudioTools and creates individual jobs for each file by calling AudioTools' API. The list of task ids and error messages are reported back to the Signiant Workflow Engine.

The Wait component is responsible for checking the state of previously created tasks. It returns the list of successfully processed (or failed) source files.

Specifications

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

- A list of source files in either a comma-separated list or Signiant's Siglist Xml format
- AudioTools Workflow Template in xml format
- Destination directory
- A list of parameters that allows to dynamically change values in the AudioTools Workflow Template

It returns

- A comma-separated list of task ids

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

- A list of task ids

It returns

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