MXF re-wrapper
Signiant Component
Version 1.0

What it is

This product is an Agent Component for Signiant's Workflow Engine that integrates seamless. It adds a re-wrapper engine for MXF video formats to Signiant-based workflows. In addition it allows to concatenate source files. This said it's a functional extension to the standard Signiant Workflow Engine.

What to use it for

This product allows to re-wrap MXF video files from one MXF flavour into another. So it makes video files compatible with software that does not support a wide range of MXF flavours or just not a certain but required one.

It's stitching functionality can be used for instance to concatenate the individual shots from a physical camera storage media into just one MXF file. This simplifies the treatment of footage within file-based production and archiving environments.

Last but not least the re-wrapping can be used to correct error in the MXF container structure of sources without touching the correct audio and video essences.

How it works

This Component takes a list of files to be processed and starts either individual re-wrapping jobs or a job that concatenates the source files to just one target file. This happens within the Agent. So no other software engine on remote machines is called out to do so. The list of resulting files and error messages are reported back to Signiant's Workflow Engine.

Specifications

This Component takes a list of MXF source files in Signiant's SiglistXML format and an output folder.

It returns a Return Code, a Return Message, a list of successfully produced files, a list of succeed to process source files and a list of failed to process source files. Version 1.0 supports MXF OP1a in XDCAM style.