SiSU

Filetypes

Ralph Amissah

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SiSU is software for document structuring, publishing and search (with object citation numbering), www.sisudoc.org

Document information:

sourcefile sisu_filetypes.sst

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version information: SiSU 0.59.0 of 2007w38/0

For alternative output formats of this document check:

<http://www.jus.uio.no/sisu/sisu_filetypes/sisu_manifest.html>

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SiSU - Filetypes,
Ralph Amissah

1. SiSU filetypes

SiSU has plaintext and binary filetypes, and can process either type of document.

1.1 .sst .ssm .ssi marked up plain text

SiSU documents are prepared as plain-text (utf-8) files with SiSU markup. They may make reference to and contain images (for example), which are stored in the directory beneath them _sisu/image. SiSU plaintext markup files are of three types that may be distinguished by the file extension used: regular text .sst; master documents, composite documents that incorporate other text, which can be any regular text or text insert; and inserts the contents of which are like regular text except these are marked .ssi and are not processed.

SiSU processing can be done directly against a sisu documents; which may be located locally or on a remote server for which a url is provided.

SiSU source markup can be shared with the command:

    sisu -s [filename]

1.1.1 sisu text - regular files (.sst)

The most common form of document in SiSU , see the section on SiSU markup.

<http://www.jus.uio.no/sisu/sisu_markup>

<http://www.jus.uio.no/sisu/sisu_manual>

1.1.2 sisu master files (.ssm)

Composite documents which incorporate other **SiSU** documents which may be either regular **SiSU** text .sst which may be generated independently, or inserts prepared solely for the purpose of being incorporated into one or more master documents.

The mechanism by which master files incorporate other documents is described as one of the headings under under **SiSU** markup in the **SiSU** manual.

Note: Master documents may be prepared in a similar way to regular documents, and processing will occur normally if a .sst file is renamed .ssm without requiring any other documents; the .ssm marker flags that the document may contain other documents.

Note: a secondary file of the composite document is built prior to processing with the same prefix and the suffix .‿sst [1]

⟨http://www.jus.uio.no/sisu/sisu‿markup⟩

⟨http://www.jus.uio.no/sisu/sisu‿manual⟩

1.1.3 sisu insert files (.ssi)

Inserts are documents prepared solely for the purpose of being incorporated into one or more master documents. They resemble regular **SiSU** text files except they are ignored by the **SiSU** processor. Making a file a .ssi file is a quick and convenient way of flagging that it is not intended that the file should be processed on its own.

1.2 sisupod, zipped binary container (sisupod.zip, .ssp)

A sisupod is a zipped **SiSU** text file or set of **SiSU** text files and any associated images that they contain (this will be extended to include sound and multimedia-files)

SiSU plaintext files rely on a recognised directory structure to find contents such as images associated with documents, but all images for example for all documents contained in a directory are located in the sub-directory ‿sisu/image. Without the ability to create a sisupod it can be inconvenient to manually identify all other files associated with a document. A sisupod automatically bundles all associated files with the document that is turned into a pod.

The structure of the sisupod is such that it may for example contain a single document and its associated images; a master document and its associated documents and anything else; or the zipped contents of a whole directory of prepared **SiSU** documents.

The command to create a sisupod is:

    sisu -S [filename]

Alternatively, make a pod of the contents of a whole directory:

    sisu -S

SiSU processing can be done directly against a sisupod; which may be located locally or on a remote server for which a url is provided.

⟨http://www.jus.uio.no/sisu/sisu‿commands⟩

⟨http://www.jus.uio.no/sisu/sisu‿manual⟩

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[1] .ssc (for composite) is under consideration but .‿sst makes clear that this is not a regular file to be worked on, and thus less likely that people will have "accidents", working on a .ssc file that is overwritten by subsequent processing. It may be however that when the resulting file is shared .ssc is an appropriate suffix to use.

2. Experimental Alternative Input Representations

2.1 Alternative XML

SiSU offers alternative XML input representations of documents as a proof of concept, experimental feature. They are however not strictly maintained, and incomplete and should be handled with care.

convert from sst to simple xml representations (sax, dom and node):

sisu –to-sax [filename/wildcard] or sisu –to-sxs [filename/wildcard]

sisu –to-dom [filename/wildcard] or sisu –to-sxd [filename/wildcard]

sisu –to-node [filename/wildcard] or sisu –to-sxn [filename/wildcard]

convert to sst from any sisu xml representation (sax, dom and node):

sisu –from-xml2sst [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

or the same:

sisu –from-sxml [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

2.1.1 XML SAX representation

To convert from sst to simple xml (sax) representation:

sisu –to-sax [filename/wildcard] or sisu –to-sxs [filename/wildcard]

To convert from any sisu xml representation back to sst

sisu –from-xml2sst [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

or the same:

sisu –from-sxml [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

2.1.2 XML DOM representation

To convert from sst to simple xml (dom) representation:

sisu –to-dom [filename/wildcard] or sisu –to-sxd [filename/wildcard]

To convert from any sisu xml representation back to sst

sisu –from-xml2sst [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

or the same:

sisu –from-sxml [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

2.1.3 XML Node representation

To convert from sst to simple xml (node) representation:

sisu –to-node [filename/wildcard] or sisu –to-sxn [filename/wildcard]

To convert from any sisu xml representation back to sst

sisu –from-xml2sst [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

or the same:

sisu –from-sxml [filename/wildcard [.sxs.xml,.sxd.xml,sxn.xml]]

DOCUMENT INFORMATION (METADATA)

Metadata

Document Manifest @

<http://www.jus.uio.no/sisu/sisu_manual/sisu_filetypes/sisu_manifest.html>

Dublin Core (DC)

DC tags included with this document are provided here.

DC Title: SiSU - Filetypes

DC Creator: Ralph Amissah

DC Rights: Copyright (C) Ralph Amissah 2007, part of SiSU documentation, License GPL 3

DC Type: information

DC Date created: 2002-08-28

DC Date issued: 2002-08-28

DC Date available: 2002-08-28

DC Date modified: 2007-09-16

DC Date: 2007-09-16

Version Information

Sourcefile: sisu_filetypes.sst

Filetype: SiSU text 0.58

Sourcefile Digest, MD5(sisu_filetypes.sst)= fc29f0ee9c0f85cbf2fe08a28510f7d9

Skin_Digest: MD5(/home/ralph/grotto/theatre/dbld/sisu-dev/sisu/data/doc/sisu/sisu_markup_samples/sisu_manual/_sisu/skin/doc/skin_sisu_manual.rb)= 20fc43cf3eb6590bc3399a1aef65c5a9

Generated

Document (metaverse) last generated: Mon Sep 24 15:32:29 +0100 2007

Generated by: SiSU 0.59.0 of 2007w38/0 (2007-09-23)

Ruby version: ruby 1.8.6 (2007-06-07 patchlevel 36) [i486-linux]

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W3 since October 3 1993 **SiSU** SiSU 1997, current 2007.

SiSU presentations at **www.jus.uio.no/sisu/**

SiSU **pdf** versions can be found at:

http://www.jus.uio.no/sisu/sisu_filetypes/portrait.pdf

http://www.jus.uio.no/sisu/sisu_filetypes/landscape.pdf

SiSU **html** versions may be found at:

http://www.jus.uio.no/sisu/sisu_filetypes/toc.html or

http://www.jus.uio.no/sisu/sisu_filetypes/doc.html

SiSU Manifest of document output and metadata may be found at:

http://www.jus.uio.no/sisu/sisu_filetypes/sisu_manifest.html

SiSU found at: **www.jus.uio.no/sisu/**

Links that may be of interest at SiSU and elsewhere:

SiSU Manual

http://www.jus.uio.no/sisu/sisu_manual/

Book Samples and Markup Examples

http://www.jus.uio.no/sisu/SiSU/2.html

SiSU @ Wikipedia

http://en.wikipedia.org/wiki/SiSU

SiSU @ Freshmeat

http://freshmeat.net/projects/sisu/

SiSU @ Ruby Application Archive

http://raa.ruby-lang.org/project/sisu/

SiSU @ Debian

http://packages.qa.debian.org/s/sisu.html

SiSU Download

http://www.jus.uio.no/sisu/SiSU/download.html

SiSU Changelog

http://www.jus.uio.no/sisu/SiSU/changelog.html

SiSU help

http://www.jus.uio.no/sisu/sisu_manual/sisu_help/

SiSU help sources

http://www.jus.uio.no/sisu/sisu_manual/sisu_help_sources/

SiSU home:
www.jus.uio.no/sisu/