SiSU
Configuration

Ralph Amissah

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For alternative output formats of this document check:

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

Contents

1. Configuration

1.1 Determining the Current Configuration

Information on the current configuration of **SiSU** should be available with the help command:

    sisu -v

which is an alias for:

    sisu –help env

Either of these should be executed from within a directory that contains sisu markup source documents.

1.2 Configuration files (config.yml)

SiSU configration parameters are adjusted in the configuration file, which can be used to override the defaults set. This includes such things as which directory interim processing should be done in and where the generated output should be placed.

The **SiSU** configuration file is a yaml file, which means indentation is significant.

SiSU resource configuration is determined by looking at the following files if they exist:

    ./_sisu/sisurc.yml

    ˜ /.sisu/sisurc.yml

    /etc/sisu/sisurc.yml

The search is in the order listed, and the first one found is used.

In the absence of instructions in any of these it falls back to the internal program defaults.

Configuration determines the output and processing directories and the database access details.

If **SiSU** is installed a sample sisurc.yml may be found in /etc/sisu/sisurc.yml

CONFIGURATION OF DOCUMENTS

2. Skins 22

Skins modify the default appearance of document output on a document, directory, or site wide 23
basis. Skins are looked for in the following locations:

./_sisu/skin 24

˜ /.sisu/skin 25

/etc/sisu/skin 26

Within the skin directory are the following the default sub-directories for document skins: 27

./skin/doc 28

./skin/dir 29

./skin/site 30

A skin is placed in the appropriate directory and the file named skin_[name].rb 31

The skin itself is a ruby file which modifies the default appearances set in the program. 32

2.1 Document Skin 33

Documents take on a document skin, if the header of the document specifies a skin to be 34
used. 35

@skin: skin_united_nations

2.2 Directory Skin 36

A directory may be mapped on to a particular skin, so all documents within that directory take 37
on a particular appearance. If a skin exists in the skin/dir with the same name as the document
directory, it will automatically be used for each of the documents in that directory, (except where
a document specifies the use of another skin, in the skin/doc directory).

A personal habit is to place all skins within the doc directory, and symbolic links as needed 38
from the site, or dir directories as required.

2.3 Site Skin 39

A site skin, modifies the program default skin. 40

2.4 Sample Skins 41

With **SiSU** installed sample skins may be found in: 42

/etc/sisu/skin/doc and /usr/share/doc/sisu/sisu_markup_samples/dfsg/_sisu/skin/doc 43

(or equivalent directory) and if sisu-markup-samples is installed also under: 44

/usr/share/doc/sisu/sisu␣markup␣samples/non-free/␣sisu/skin/doc ₄₅

 Samples of list.yml and promo.yml (which are used to create the right column list) may be ₄₆
found in:

/usr/share/doc/sisu/sisu␣markup␣samples/dfsg/␣sisu/skin/yml (or equivalent directory) ₄₇

3. Homepages

SiSU is about the ability to auto-generate documents. Home pages are regarded as custom built items, and are not created by **SiSU** . More accurately, **SiSU** has a default home page, which will not be appropriate for use with other sites, and the means to provide your own home page instead in one of two ways as part of a site's configuration, these being:

1. through placing your home page and other custom built documents in the subdirectory _sisu/home/ (this probably being the easier and more convenient option)

2. through providing what you want as the home page in a skin,

Document sets are contained in directories, usually organised by site or subject. Each directory can/should have its own homepage. See the section on directory structure and organisation of content.

3.1 Home page and other custom built pages in a sub-directory

Custom built pages, including the home page index.html may be placed within the configuration directory _sisu/home/ in any of the locations that is searched for the configuration directory, namely ./_sisu; ˜ /_sisu; /etc/sisu From there they are copied to the root of the output directory with the command:

      sisu -CC

3.2 Home page within a skin

Skins are described in a separate section, but basically are a file written in the programming language **Ruby** that may be provided to change the defaults that are provided with sisu with respect to individual documents, a directories contents or for a site.

If you wish to provide a homepage within a skin the skin should be in the directory _sisu/skin/dir and have the name of the directory for which it is to become the home page. Documents in the directory commercial_law would have the homepage modified in skin_commercial law.rb; or the directory poems in skin_poems.rb

```
class Home
  def homepage
    # place the html content of your homepage here, this will become index.html
    <<HOME <html>
<head></head>
<doc>
<p>this is my new homepage.</p>
</doc>
</html>
HOME
  end
  end
```

DOCUMENT INFORMATION (METADATA)

Metadata

Document Manifest @

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

Dublin Core (DC)

DC tags included with this document are provided here.

DC Title: SiSU - Configuration

DC Creator: Ralph Amissah

DC Rights: Ralph Amissah

DC Type: information

DC Date created: 2002-08-28

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Version Information

Sourcefile: sisu_configuration._sst

Filetype: SiSU text insert 0.58

Sourcefile Digest, MD5(sisu_configuration._sst)= 491d3da039162d60ae0e2951aa260915

Skin_Digest: MD5(/home/ralph/grotto/theatre/dbld/sisu-dev/sisu/data/doc/sisu/sisu_markup_samples/sisu_man 20fc43cf3eb6590bc3399a1aef65c5a9

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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_configuration/portrait.pdf

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

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

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

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

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

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