

# SiSU

## Configuration

Ralph Amissah

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Ralph Amissah

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<[http://www.jus.uio.no/sisu/sisu\\_configuration/sisu\\_manifest.html](http://www.jus.uio.no/sisu/sisu_configuration/sisu_manifest.html)>

# Contents

<b>SiSU - Configuration, Ralph Amissah</b>	<b>1</b>
<b>Configuration of Environment</b>	<b>1</b>
1. Configuration	1
1.1 Determining the Current Configuration	1
1.2 Configuration files (config.yml)	1
<b>Configuration of Documents</b>	<b>2</b>
2. Skins	2
2.1 Document Skin	2
2.2 Directory Skin	2
2.3 Site Skin	3
2.4 Sample Skins	3
3. Homepages	3
3.1 Home page and other custom built pages in a sub- directory	3
3.2 Home page within a skin	3
<b>Document Information (metadata)</b>	<b>5</b>
Metadata	5
<b>Information on this document copy and an unofficial List of Some web related information and sources</b>	<b>6</b>
Information on this document copy	6
Links that may be of interest	6

# SiSU - CONFIGURATION, RALPH AMISSAH

## CONFIGURATION OF ENVIRONMENT

### 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** configuration 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

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

`./_sisu/skin`

`~/.sisu/skin`

`/etc/sisu/skin`

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

`./skin/doc`

`./skin/dir`

`./skin/site`

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

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

### 2.1 Document Skin

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

`@skin: skin_united_nations`

### 2.2 Directory Skin

A directory may be mapped on to a particular skin, so all documents within that directory take 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 from the site, or dir directories as required.

## 2.3 Site Skin

A site skin, modifies the program default skin.

## 2.4 Sample Skins

With SiSU installed sample skins may be found in:

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

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

`/usr/share/doc/sisu/sisu_markup_samples/non-free/_sisu/skin/doc`

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

`/usr/share/doc/sisu/sisu_markup_samples/dfsg/_sisu/skin/yml` (or equivalent directory)

## 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`

59

```
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)**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]**Metadata**

Document Manifest @

<[http://www.jus.uio.no/sisu/sisu\\_manual/sisu\\_configuration/sisu\\_manifest.html](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 - ConfigurationDC Creator: Ralph AmissahDC Rights: Ralph AmissahDC Type: informationDC Date created: 2002-08-28DC Date issued: 2002-08-28DC Date available: 2007-08-28DC Date modified: 2007-08-30DC Date: 2007-08-30**Version Information**Sourcefile: sisu\_configuration.\_sstFiletype: SiSU text insert 0.58Sourcefile Digest, MD5(sisu\_configuration.\_sst)= 491d3da039162d60ae0e2951aa260915Skin 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 15:34:24 +0100  
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SiSU presentations at [www.jus.uio.no/sisu/](http://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/portrait.pdf)  
[http://www.jus.uio.no/sisu/sisu\\_configuration/landscape.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](http://www.jus.uio.no/sisu/sisu_configuration/toc.html) OR  
[http://www.jus.uio.no/sisu/sisu\\_configuration/doc.html](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](http://www.jus.uio.no/sisu/sisu_configuration/sisu_manifest.html)

SiSU found at: [www.jus.uio.no/sisu/](http://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/](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/](http://www.jus.uio.no/sisu/sisu_manual/sisu_help/)

SiSU help sources

[http://www.jus.uio.no/sisu/sisu\\_manual/sisu\\_help\\_sources/](http://www.jus.uio.no/sisu/sisu_manual/sisu_help_sources/)

SiSU home:

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