

SiSU

Remote Operations

Ralph Amissah

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Document information:

sourcefile [sisu_remote.sst](#)

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For alternative output formats of this document check:

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

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1. Remote Source Documents

SiSU processing instructions can be run against remote source documents by providing the url of the documents against which the processing instructions are to be carried out. The remote **SiSU** documents can either be sisu marked up files in plaintext .sst or .ssm or; zipped sisu files, sisupod.zip or filename.ssp

.sst / .ssm - sisu text files

SiSU can be run against source text files on a remote machine, provide the processing instruction and the url. The source file and any associated parts (such as images) will be downloaded and generated locally.

```
sisu -3 http://[provide url to valid .sst or .ssm file]
```

Any of the source documents in the sisu examples page can be used in this way, see <http://www.jus.uio.no/sisu/SiSU/2.htm> and use the url for the desired document.

NOTE: to set up a remote machine to serve **SiSU** documents in this way, images should be in the directory relative to the document source ../_sisu/image

sisupod - zipped sisu files

A sisupod is the zipped content of a sisu marked up text or texts and any other associated parts to the document such as images.

SiSU can be run against a sisupod on a (local or) remote machine, provide the processing instruction and the url, the sisupod will be downloaded and the documents it contains generated locally.

```
sisu -3 http://[provide url to valid sisupod.zip or .ssp file]
```

Any of the source documents in the sisu examples page can be used in this way, see <http://www.jus.uio.no/sisu/SiSU/2.htm> and use the url for the desired document.

REMOTE DOCUMENT OUTPUT

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2. Remote Output

Once properly configured **SiSU** output can be automatically posted once generated to a designated remote machine using either rsync, or scp.

In order to do this some ssh authentication agent and keychain or similar tool will need to be configured. Once that is done the placement on a remote host can be done seamlessly with the -r (for scp) or -R (for rsync) flag, which may be used in conjunction with other processing flags, e.g.

```
sisu -3R sisu_remote.sst
```

2.1 commands

-R [filename/wildcard]

copies sisu output files to remote host using rsync. This requires that sisurc.yml has been provided with information on hostname and username, and that you have your “keys” and ssh agent in place. Note the behavior of rsync different if -R is used with other flags from if used alone. Alone the rsync –delete parameter is sent, useful for cleaning the remote directory (when -R is used together with other flags, it is not). Also see -r

-r [filename/wildcard]

copies sisu output files to remote host using scp. This requires that sisurc.yml has been provided with information on hostname and username, and that you have your “keys” and ssh agent in place. Also see -R

2.2 configuration

[expand on the setting up of an ssh-agent / keychain]

3. Remote Servers

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As **SiSU** is generally operated using the command line, and works within a Unix type environment, **SiSU** the program and all documents can just as easily be on a remote server, to which you are logged on using a terminal, and commands and operations would be pretty much the same as they would be on your local machine.

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DOCUMENT INFORMATION (METADATA)

Metadata

Document Manifest @

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

Dublin Core (DC)

DC tags included with this document are provided here.

DC Title: SiSU - Remote Operations

DC Creator: Ralph Amissah

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DC Type: information

DC Date created: 2002-08-28

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DC Date available: 2002-08-28

DC Date modified: 2007-09-16

DC Date: 2007-09-16

Version Information

Sourcefile: sisu_remote.sst

Filetype: SiSU text 0.58

Sourcefile Digest, MD5(sisu_remote.sst)= 9bdac464998dc3f034fbd8f80df23b83

Skin_Digest: MD5(/home/ralph/grotto/theatre/dbld/sisu-dev/sisu/data/doc/sisu/sisu_markup_samples/sisu_markup_samples.sst)= 20fc43cf3eb6590bc3399a1aef65c5a9

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

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

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

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

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

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

http://www.jus.uio.no/sisu/sisu_remote/toc.html OR

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

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

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