

# SiSU

Markup

Ralph Amissah

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Document information:

*sourcefile* [sisu\\_markup.sst](#)

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For alternative output formats of this document check:

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

## Contents

<b>SiSU - Markup, Ralph Amissah</b>	<b>1</b>
<b>SiSU Markup</b>	<b>1</b>
1. Introduction to SiSU Markup . . . . .	2
1.1 Summary . . . . .	2
1.2 Markup Examples . . . . .	2
2. Markup of Headers . . . . .	4
2.1 Sample Header . . . . .	4
2.2 Available Headers . . . . .	4
3. Markup of Substantive Text . . . . .	8
3.1 Heading Levels . . . . .	8
3.2 Font Attributes . . . . .	8
3.3 Indentation and bullets . . . . .	9
3.4 Footnotes / Endnotes . . . . .	10
3.5 Links . . . . .	10
3.6 Grouped Text . . . . .	13
3.7 Book index . . . . .	19
4. Composite documents markup . . . . .	21
<b>Markup Syntax History</b>	<b>22</b>
5. Notes related to Files-types and Markup Syntax . . . . .	23
<b>Document Information (metadata)</b>	<b>25</b>
Metadata . . . . .	25
<b>Information on this document copy and an unofficial List of Some web related information and sources</b>	<b>26</b>
Information on this document copy . . . . .	26
Links that may be of interest . . . . .	26

## Contents

---

<b>SiSU - Markup, Ralph Amissah</b>	1
<b>SiSU Markup</b>	2

<b>1. Introduction to SiSU Markup<sup>1</sup></b>	3
<b>1.1 Summary</b>	4
<b>SiSU</b> source documents are plaintext (UTF-8) <sup>2</sup> files	5
All paragraphs are separated by an empty line.	6
Markup is comprised of:	7
at the top of a document, the document header made up of semantic meta-data about the document and if desired additional processing instructions (such an instruction to automatically number headings from a particular level down)	8
followed by the prepared substantive text of which the most important single characteristic is the markup of different heading levels, which define the primary outline of the document structure. Markup of substantive text includes:	9
heading levels defines document structure	10
text basic attributes, italics, bold etc.	11
grouped text (objects), which are to be treated differently, such as code blocks or poems.	12
footnotes/endnotes	13
linked text and images	14
paragraph actions, such as indent, bulleted, numbered-lists, etc.	15
Some interactive help on markup is available, by typing <code>sisu</code> and selecting <code>markup</code> or <code>sisu --help markup</code>	16
To check the markup in a file:	17
<code>sisu --identify [filename].sst</code>	18
For brief descriptive summary of markup history	19
<code>sisu --query-history</code>	20
or if for a particular version:	21
<code>sisu --query-0.38</code>	22

## 1.2 Markup Examples 23

### 1.2.1 Online 24

Online markup examples are available together with the respective outputs produced from 25

---

<sup>1</sup>From sometime after SiSU 0.58 it should be possible to describe SiSU markup using SiSU, which though not an original design goal is useful.

<sup>2</sup>files should be prepared using UTF-8 character encoding

<<http://www.jus.uio.no/sisu/SiSU/examples.html>> OR FROM <[http://www.jus.uio.no/sisu/sisu\\_examples/](http://www.jus.uio.no/sisu/sisu_examples/)>

There is of course this document, which provides a cursory overview of sisu markup and the respective output produced: <[http://www.jus.uio.no/sisu/sisu\\_markup/](http://www.jus.uio.no/sisu/sisu_markup/)> 26

Some example marked up files are available as html with syntax highlighting for viewing: <<http://www.jus.uio.no/sisu/sample/syntax>> 27

an alternative presentation of markup syntax: <[http://www.jus.uio.no/sisu/sample/on\\_markup.txt](http://www.jus.uio.no/sisu/sample/on_markup.txt)> 28

### 1.2.2 Installed

29

With **SiSU** installed sample skins may be found in: `/usr/share/doc/sisu/sisu_markup_samples/dfsg` (or equivalent directory) and if `sisu-markup-samples` is installed also under: `/usr/share/doc/sisu/sisu_markup_free`

## 2. Markup of Headers

31

Headers consist of semantic meta-data about a document, which can be used by any output module of the program; and may in addition include extra processing instructions.

Note: the first line of a document may include information on the markup version used in the form of a comment. Comments are a percentage mark at the start of a paragraph (and as the first character in a line of text) followed by a space and the comment:

```
% this would be a comment
```

33

34

### 2.1 Sample Header

35

This current document has a header similar to this one (without the comments):

```
% SiSU 0.57
@title: SiSU
@subtitle: Markup
@creator: Ralph Amissah
@rights: Copyright (C) Ralph Amissah 2007, part of SiSU documentation, License GPL 3
@type: information
@subject: ebook, epublising, electronic book, electronic publishing, electronic document, electronic citation, data structure, citation systems, search
@date.created: 2002-08-28
@date.issued: 2002-08-28
@date.available: 2002-08-28
@date.modified: 2007-09-16
@date: 2007-09-16
@level: new=C; break=1; num_top=1
% comment: in this @level header num_top=1 starts automatic heading numbering at heading level 1 (numbering continues 3 levels down); the new and break instructions are used by the LaTeX/pdf and odf output to determine where to put page breaks (that are not used by html output or say sql database population).
@skin: skin_sisu_manual
% skins modify the appearance of a document and are placed in a sub-directory under ./_sisu/skin /./sisu/skin or /etc/sisu/skin. A skin may affect single documents that request them, all documents in a directory, or be site-wide. (A document is affected by a single skin)
@bold: /Gnu|Debian|Ruby|SiSU/
@links: { SiSU Manual }http://www.jus.uio.no/sisu/sisu_manual/
{ Book Samples and Markup Examples }http://www.jus.uio.no/sisu/SiSU/examples.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
```

36

37

### 2.2 Available Headers

38

Header tags appear at the beginning of a document and provide meta information on the document (such as the Dublin Core), or information as to how the document as a whole is to be processed. All header instructions take either the form @headername: or 0 headername. All Dublin Core meta tags are available

39

<b>@identifier:</b> information or instructions	40
where the “identifier” is a tag recognised by the program, and the “information” or “instructions” belong to the tag/identifier specified	41
Note: a header where used should only be used once; all headers apart from @title: are optional; the @structure: header is used to describe document structure, and can be useful to know.	42
This is a sample header	43
% SiSU 0.38 [declared file-type identifier with markup version]	44
<b>@title:</b> [title text] This is the title of the document and used as such, this header is the only one that is <u>mandatory</u>	45
<b>@subtitle:</b> The Subtitle if any	46
<b>@creator:</b> [or @author:] Name of Author	47
<b>@subject:</b> (whatever your subject)	48
<b>@description:</b>	49
<b>@publisher:</b>	50
<b>@contributor:</b>	51
<b>@translator:</b> [or @translated_by:]	52
<b>@illustrator:</b> [or @illustrated_by:]	53
<b>@prepared_by:</b> [or @digitized_by:]	54
<b>@date: 2000-08-27</b> [ also @date.created: @date.issued: @date.available: @date.valid: @date.modified: ]	55
<b>@type: article</b>	56
<b>@format:</b>	57
<b>@identifier:</b>	58
<b>@source:</b>	59
<b>@language:</b> [or @language.document:] [country code for language if available, or language, English, en is the default setting] (en - English, fr - French, de - German, it - Italian, es - Spanish, pt - Portuguese, sv - Swedish, da - Danish, fi - Finnish, no - Norwegian, is - Icelandic, nl - Dutch, et - Estonian, hu - Hungarian, pl - Polish, ro - Romanian, ru - Russian, el - Greek, uk - Ukrainian, tr - Turkish, sk - Slovak, sl - Slovenian, hr - Croatian, cs - Czech, bg - Bulgarian ) [however, encodings are not available for all of the languages listed.]	60
[@language.original: original language in which the work was published]	61
<b>@papersize:</b> (A4 US_letter book_B5 book_A5 US_legal)	62
<b>@relation:</b>	63
<b>@coverage:</b>	64

- @rights:** Copyright (c) Name of Right Holder, all rights reserved, or as granted: public domain, copyleft, creative commons variant, etc. 65
- @owner:** 66
- @keywords:** text document generation processing management latex pdf structured xml citation [your keywords here, used for example by rss feeds, and in sql searches] 67
- @abstract:** [paper abstract, placed after table of contents] 68
- @comment:** [...] 69
- @catalogue:** loc=[Library of Congress classification]; dewey=[Dewey classification]; isbn=[ISBN]; pg=[Project Gutenberg text number] 70
- @classify\_loc:** [Library of Congress classification] 71
- @classify\_dewey:** [Dewey classification] 72
- @classify\_isbn:** [ISBN] 73
- @classify\_pg:** [Project Gutenberg text number] 74
- @prefix:** [prefix is placed just after table of contents] 75
- @prefix\_a:** [prefix is placed just before table of contents - not implemented] 76
- @prefix\_b:** 77
- @rcs:** \$Id: sisu\_markup.sst,v 1.2 2007/09/08 17:12:47 ralph Exp \$ [used by rcs or cvs to embed version (revision control) information into document, rcs or cvs can usefully provide a history of updates to a document ] 78
- @structure:** PART; CHAPTER; SECTION; ARTICLE; none; none; 79  
optional, document structure can be defined by words to match or regular expression (the regular expression is assumed to start at the beginning of a line of text i.e. ^) default markers :A to :C and 1 to 6 can be used within text instead, without this header tag, and may be used to supplement the instructions provided in this header tag if provided (@structure: is a synonym for @toc:)
- @level:** newpage=3; breakpage=4 80  
paragraph level, used by latex to breakpages, the page is optional eg. in newpage
- @markup:** information on the markup used, e.g. new=1,2,3; break=4; num\_top=4 [or newpage=1,2,3; breakpage=4; num\_top=4] newpage and breakpage, heading level, used by LaTeX to breakpages. breakpage: starts on a new page in single column text and on a new column in double column text; newpage: starts on a new page for both single and double column texts. 81  
num\_top=4 [auto-number document, starting at level 4. the default is to provide 3 levels, as in 1 level 4, 1.1 level 5, 1.1.1 level 6, markup to be merged within level]  
num\_extract [take numbering of headings provided (manually in marked up source document), and use for numbering of segments. Available where a clear numbering structure is provided within document, without the repetition of a number in a header.] [In 0.38 notation, you would map to the equivalent levels, the examples provided would map

to the following new=A,B,C; break=1; num\_top=1 [or newpage=A,B,C; breakpage=1; num\_top=1] see headings]

**@bold:** [regular expression of words/phrases to be made bold] 82

**@italics:** [regular expression of words/phrases to italicise] 83

**@vocabulary:** name of taxonomy/vocabulary/wordlist to use against document 84

**@skin:** skin\_doc\_[name\_of\_desired\_document\_skin] 85

skins change default settings related to the appearance of documents generated, such as the urls of the home site, and the icon/logo for the document or site.

**@man: 8;** 86

name=sisu - documents: markup, structuring, publishing in multiple standard formats, and search;

synopsis=sisu [-abcDdFHhIiMmNnopqRrSsTtUuVvwXxYyZz0-9] [filename/wildcard ]

sisu [-Ddcv] [instruction]

sisu [-CcFLSVvW]

the man page category number (default 1) and special tags used in preparing man page headings

**@links:** { SiSU }http://www.jus.uio.no/sisu/; 87

{ FSF }http://www.fsf.org

**@promo:** sisu, ruby, search\_libre\_docs, open\_society 88

places content in right pane in html, makes use of list.yml and promo.yml, commented out

sample in document sample: free\_as\_in\_freedom.richard\_stallman\_crusade\_for\_free\_software.sam

**3. Markup of Substantive Text** 89

**3.1 Heading Levels** 90

Heading levels are :A ;:B ;:C ,1 ,2 ,3 ... :A - :C being part / section headings, followed by other heading levels, and 1 -6 being headings followed by substantive text or sub-headings. :A usually the title :A ? conditional level 1 heading (used where a stand-alone document may be imported into another)

**:A [heading text]** Top level heading [this usually has similar content to the title @title: ] NOTE: the heading levels described here are in 0.38 notation, see heading 92

**:B [heading text]** Second level heading [this is a heading level divider] 93

**:C [heading text]** Third level heading [this is a heading level divider] 94

**1 [heading text]** Top level heading preceding substantive text of document or sub-heading 2, the heading level that would normally be marked 1. or 2. or 3. etc. in a document, and the level on which sisu by default would break html output into named segments, names are provided automatically if none are given (a number), otherwise takes the form 1 my\_filename\_for\_this\_segment 95

**2 [heading text]** Second level heading preceding substantive text of document or sub-heading 3, the heading level that would normally be marked 1.1 or 1.2 or 1.3 or 2.1 etc. in a document. 96

**3 [heading text]** Third level heading preceding substantive text of document, that would normally be marked 1.1.1 or 1.1.2 or 1.2.1 or 2.1.1 etc. in a document 97

1 filename level 1 heading,

% the primary division such as Chapter that is followed by substantive text, and may be further subdivided (this is the level on which by default html segments are made) 98

**3.2 Font Attributes** 99

**markup example:** 100

normal text !{emphasis}! \*{bold text}\* \_{underscore}\_ /{italics}/ "{citation}" ^{superscript}^ ,{subscript}, +{inserted text}+ 101

```
normal text
!{emphasis}!
*{bold text}*
_{underscore}_
/{italics}/
"{citation}"
^{superscript}^
,{subscript},
+{inserted text}+
-strikethrough-
```

**resulting output:** 102

normal text **emphasis** **bold text** underline *italics* ` `citation" <sup>superscript</sup> subscript inserted text ~~strikethrough~~ 103

normal text	104
<b>emphasis</b>	105
<b>bold text</b>	106
<u>underscore</u>	107
<i>italics</i>	108
` ` citation''	109
superscript	110
subscript	111
<u>inserted text</u>	112
<del>strikethrough</del>	113
 <b>3.3 Indentation and bullets</b>	 114
 <b>markup example:</b>	 115
ordinary paragraph	116
_1 indent paragraph one step	
_2 indent paragraph two steps	
_9 indent paragraph nine steps	
 <b>resulting output:</b>	 117
ordinary paragraph	118
indent paragraph one step	119
indent paragraph two steps	120
indent paragraph nine steps	121
 <b>markup example:</b>	 122
_* bullet text	123
_1* bullet text, first indent	
_2* bullet text, two step indent	
 <b>resulting output:</b>	 124
bullet text	125
bullet text, first indent	126
bullet text, two step indent	127
 Numbered List (not to be confused with headings/titles, (document structure))	 128
 <b>markup example:</b>	 129
# numbered list                    numbered list 1., 2., 3, etc.	130
<=hash> numbered list numbered list indented a., b., c., d., etc.	

**3.4 Footnotes / Endnotes** 131

Footnotes and endnotes not distinguished in markup. They are automatically numbered. Depending on the output file format (html, odf, pdf etc.), the document output selected will have either footnotes or endnotes. 132

**markup example:** 133  
 { a footnote or endnote } 134

**resulting output:** 135  
 3 136

**markup example:** 137  
 normal text{ self contained endnote marker & endnote in one }continues 138

**resulting output:** 139  
 normal text<sup>4</sup> continues 140

**markup example:** 141  
 normal text {\* unnumbered asterisk footnote/endnote, insert multiple asterisks if required }continues 142  
 normal text {\*\* another unnumbered asterisk footnote/endnote }continues

**resulting output:** 143  
 normal text \* continues 144  
 normal text \*\* continues 145

**markup example:** 146  
 normal text [+ editors notes, numbered asterisk footnote/endnote series ]continues 147  
 normal text [+ editors notes, numbered asterisk footnote/endnote series ]continues

**resulting output:** 148  
 normal text <sup>\*1</sup> continues 149  
 normal text <sup>+1</sup> continues 150

**Alternative endnote pair notation for footnotes/endnotes:** 151  
 % note the endnote marker "~" 152  
 normal text~ continues  
 ^ endnote text following the paragraph in which the marker occurs

the standard and pair notation cannot be mixed in the same document 153

**3.5 Links** 154

**3.5.1 Naked URLs within text, dealing with urls** 155

urls are found within text and marked up automatically. A url within text is automatically 156

---

<sup>3</sup>a footnote or endnote

<sup>4</sup>self contained endnote marker & endnote in one

\* unnumbered asterisk footnote/endnote, insert multiple asterisks if required

\*\* another unnumbered asterisk footnote/endnote

<sup>\*1</sup>editors notes, numbered asterisk footnote/endnote series

<sup>+1</sup>editors notes, numbered asterisk footnote/endnote series

hyperlinked to itself and by default decorated with angled braces, unless they are contained within a code block (in which case they are passed as normal text), or escaped by a preceding underscore (in which case the decoration is omitted).

**markup example:** 157  
normal text `http://www.jus.uio.no/sisu` continues 158

**resulting output:** 159

normal text `<http://www.jus.uio.no/sisu>` continues 160

An escaped url without decoration 161

**markup example:** 162

normal text `http://www.jus.uio.no/sisu` continues 163  
deb `http://www.jus.uio.no/sisu/archive` unstable main non-free

**resulting output:** 164

normal text `http://www.jus.uio.no/sisu` continues 165

deb `http://www.jus.uio.no/sisu/archive` unstable main non-free 166

where a code block is used there is neither decoration nor hyperlinking, code blocks are discussed later in this document 167

**resulting output:** 168

deb `http://www.jus.uio.no/sisu/archive` unstable main non-free 169  
deb-src `http://www.jus.uio.no/sisu/archive` unstable main non-free

To link text or an image to a url the markup is as follows 170

**markup example:** 171

about { SiSU }`http://url.org` markup 172

### 3.5.2 Linking Text 173

**resulting output:** 174

about SiSU markup 175

A shortcut notation is available so the url link may also be provided automatically as a footnote 176

**markup example:** 177

about {<sup>^</sup> SiSU }`http://url.org` markup 178

**resulting output:** 179

about SiSU <sup>5</sup> markup 180

### 3.5.3 Linking Images 181

**markup example:** 182

{ tux.png 64x80 }image 183

---

<sup>5</sup>`<http://www.jus.uio.no/sisu/>`

```
% various url linked images
{tux.png 64x80 "a better way" }http://www.jus.uio.no/sisu/
{GnuDebianLinuxRubyBetterWay.png 100x101 "Way Better - with Gnu/Linux, Debian and Ruby" }http://www.jus.uio.no/sisu/
{~ ruby_logo.png "Ruby" }http://www.ruby-lang.org/en/
```

## resulting output:



184



185



186



187

## linked url footnote shortcut

```
{~ [text to link] }http://url.org
% maps to: { [text to link] }http://url.org { http://url.org }
% which produces hyper-linked text within a document/paragraph, with an endnote providing the url for the text location
used in the hyperlink
text marker *ñame
```

188

189

190

191

note at a heading level the same is automatically achieved by providing names to headings 1, 2 and 3 i.e. 2[name] and 3[name] or in the case of auto-heading numbering, without further intervention.

192

**3.6 Grouped Text** 193

**3.6.1 Tables** 194

Tables may be prepared in two either of two forms 195

**markup example:** 196

```
table{ c3; 40; 30; 30; 197
```

```
This is a table
this would become column two of row one
column three of row one is here
And here begins another row
column two of row two
column three of row two, and so on
}table
```

**resulting output:** 198

```
This is a table 199
```

```

And here begins another row
                                this would become column two of row one
                                column two of row two
                                column three of row one is here
                                column three of row two, and so on
```

a second form may be easier to work with in cases where there is not much information in each column 200

**markup example:** <sup>7</sup> 201

```
!_ Table 3.1: Contributors to Wikipedia, January 2001 - June 2005 202
```

```
{table h 24; 12; 12; 12; 12; 12; 12;}
```

```

                                |Jan. 2001|Jan. 2002|Jan. 2003|Jan. 2004|July 2004|June 2006
Contributors*                   |    10|    472|   2,188|   9,653|  25,011|  48,721
Active contributors**           |     9|    212|    846|   3,228|   8,442|  16,945
Very active contributors***     |     0|     31|    190|    692|   1,639|   3,016
No. of English language articles|    25|  16,000| 101,000| 190,000| 320,000| 630,000
No. of articles, all languages  |    25|  19,000| 138,000| 490,000| 862,000|1,600,000
```

Contributed at least ten times; \* at least 5 times in last month; \* more than 100 times in last month.

**resulting output:** 203

**Table 3.1: Contributors to Wikipedia, January 2001 - June 2005** 204

205

	Jan. 2001	Jan. 2002	Jan. 2003	Jan. 2004	July 2004	June 2006
Contributors*	10	472	2,188	9,653	25,011	48,721
Active contributors**	9	212	846	3,228	8,442	16,945
Very active contributors***	0	31	190	692	1,639	3,016
No. of English language articles	25	16,000	101,000	190,000	320,000	630,000
No. of articles, all languages	25	19,000	138,000	490,000	862,000	1,600,000

\* Contributed at least ten times; \*\* at least 5 times in last month; \*\*\* more than 100 times in last month. 206

### 3.6.2 Poem

207

#### basic markup:

208

```
poem{
```

```
  Your poem here
```

```
}poem
```

209

Each verse in a poem is given a separate object number.

#### markup example:

210

```
poem{
```

211

```

      `Fury said to a
      mouse, That he
      met in the
      house,
"Let us
both go to
law: I will
prosecute
  YOU. --Come,
      I'll take no
      denial; We
      must have a
      trial: For
      really this
      morning I've
      nothing
      to do."
      Said the
      mouse to the
      cur, "Such
      a trial,
      dear Sir,
          With
      no jury
      or judge,
      would be
      wasting
      our
      breath."
      "I'll be
      judge, I'll
      be jury,"
          Said
      cunning
      old Fury:
      "I'll
      try the
      whole
      cause,
      and
```

---

<sup>6</sup><http://www.ruby-lang.org/en/>

<sup>7</sup>Table from the Wealth of Networks by Yochai Benkler

[http://www.jus.uio.no/sisu/the\\_wealth\\_of\\_networks.yochai\\_benkler](http://www.jus.uio.no/sisu/the_wealth_of_networks.yochai_benkler)

condemn  
you  
to  
death."

}poem

**resulting output:**

`Fury said to a  
mouse, That he  
met in the  
house,  
"Let us  
both go to  
law: I will  
prosecute  
YOU. --Come,  
I'll take no  
denial; We  
must have a  
trial: For  
really this  
morning I've  
nothing  
to do."  
Said the  
mouse to the  
cur, "Such  
a trial,  
dear Sir,  
With  
no jury  
or judge,  
would be  
wasting  
our  
breath."  
"I'll be  
judge, I'll  
be jury,"  
Said

212

213

cunning  
 old Fury:  
 "I'll  
 try the  
 whole  
 cause,  
 and  
 condemn  
 you  
 to  
 death."

### 3.6.3 Group

214

#### basic markup:

```
group{
  Your grouped text here
}group
```

215

216

A group is treated as an object and given a single object number.

#### markup example:

217

```
group{
  `Fury said to a
  mouse, That he
  met in the
  house,
  "Let us
  both go to
  law: I will
  prosecute
  YOU. --Come,
  I'll take no
  denial; We
  must have a
  trial: For
  really this
  morning I've
  nothing
  to do."
  Said the
  mouse to the
  cur, "Such
  a trial,
  dear Sir,
  With
  no jury
  or judge,
  would be
  wasting
```

218

our  
breath."  
"I'll be  
judge, I'll  
be jury,"  
Said  
cunning  
old Fury:  
"I'll  
try the  
whole  
cause,  
and  
condemn  
you  
to  
death."

}group

**resulting output:**

`Fury said to a  
mouse, That he  
met in the  
house,  
"Let us  
both go to  
law: I will  
prosecute  
YOU. --Come,  
I'll take no  
denial; We  
must have a  
trial: For  
really this  
morning I've  
nothing  
to do."  
Said the  
mouse to the  
cur, "Such  
a trial,  
dear Sir,  
With  
no jury

219  
220

or judge,  
would be  
wasting  
our  
breath.”  
“I’ll be  
judge, I’ll  
be jury,”  
Said  
cunning  
old Fury:  
“I’ll  
try the  
whole  
cause,  
and  
condemn  
you  
to  
death.”

### 3.6.4 Code

221

Code tags are used to escape regular sisu markup, and have been used extensively within this document to provide examples of **SiSU** markup. You cannot however use code tags to escape code tags. They are however used in the same way as group or poem tags.

222

A code-block is treated as an object and given a single object number. [an option to number each line of code may be considered at some later time]

223

#### use of code tags instead of poem compared, resulting output:

224

```
`Fury said to a
mouse, That he
met in the
house,
"Let us
both go to
law: I will
prosecute
YOU. --Come,
I'll take no
denial; We
must have a
trial: For
really this
```

225

morning I've  
 nothing  
 to do."  
 Said the  
   mouse to the  
   cur, "Such  
     a trial,  
       dear Sir,  
       With  
       no jury  
       or judge,  
       would be  
       wasting  
 our  
 breath."  
 "I'll be  
   judge, I'll  
   be jury,"  
     Said  
   cunning  
   old Fury:  
   "I'll  
   try the  
     whole  
     cause,  
     and  
   condemn  
   you  
   to  
   death."

<b>3.7 Book index</b>	226
To make an index append to paragraph the book index term relates to it, using an equal sign and curly braces.	227
Currently two levels are provided, a main term and if needed a sub-term. Sub-terms are separated from the main term by a colon.	228
Paragraph containing main term and sub-term. ={Main term:sub-term}	229
The index syntax starts on a new line, but there should not be an empty line between paragraph and index markup.	230
The structure of the resulting index would be:	231
Main term, 1 sub-term, 1	232
Several terms may relate to a paragraph, they are separated by a semicolon. If the term refers to more than one paragraph, indicate the number of paragraphs.	233
Paragraph containing main term, second term and sub-term. ={first term; second term: sub-term}	234
The structure of the resulting index would be:	235
	236

First term, 1,  
 Second term, 1,  
 sub-term, 1

If multiple sub-terms appear under one paragraph, they are separated under the main term heading from each other by a pipe symbol. 237

Paragraph containing main term, second term and sub-term. 238  
 ={Main term:sub-term+1|second sub-term  
 A paragraph that continues discussion of the first sub-term

The plus one in the example provided indicates the first sub-term spans one additional paragraph. The logical structure of the resulting index would be: 239

Main term, 1,  
 sub-term, 1-3,  
 second sub-term, 1, 240

#### 4. Composite documents markup

241

It is possible to build a document by creating a master document that requires other documents. The documents required may be complete documents that could be generated independently, or they could be markup snippets, prepared so as to be easily available to be placed within another text. If the calling document is a master document (built from other documents), it should be named with the suffix **.ssm**. Within this document you would provide information on the other documents that should be included within the text. These may be other documents that would be processed in a regular way, or markup bits prepared only for inclusion within a master document **.sst** regular markup file, or **.ssi** (insert/information). A secondary file of the composite document is built prior to processing with the same prefix and the suffix **.\_sst**.

242

basic markup for importing a document into a master document

243

```
<< filename1.sst
<< filename2.ssi
```

244

The form described above should be relied on. Within the Vim editor it results in the text thus linked becoming hyperlinked to the document it is calling in which is convenient for editing. Alternative markup for importation of documents under consideration, and occasionally supported have been.

245

```
<< filename.ssi
<<{filename.ssi}
% using textlink alternatives
<< |filename.ssi|@|^|
```

246

## Markup Syntax History

## 5. Notes related to Files-types and Markup Syntax

0.38 is substantially current, deprecated 0.16 supported, though file names were changed at 0.37

`sisu --query=[sisu version [0.38] or `history]`

provides a short history of changes to **SiSU** markup

**0.57** (2007w34/4) **SiSU** 0.57 is the same as 0.42 with the introduction of some a shortcut to use the headers `@title` and `@creator` in the first heading [expanded using the contents of the headers `@title:` and `@author:`]

`:A @title by @author`

**0.52** (2007w14/6) declared document type identifier at start of text/document:

`SiSU 0.52`

or, backward compatible using the comment marker:

`% SiSU 0.38`

variations include ``SiSU (text|master|insert) [version]'` and ``sisu-[version]'`

**0.51** (2007w13/6) skins changed (simplified), markup unchanged

**0.42** (2006w27/4) \* (asterisk) type endnotes, used e.g. in relation to author

**SiSU** 0.42 is the same as 0.38 with the introduction of some additional endnote types,

Introduces some variations on endnotes, in particular the use of the asterisk

`{* for example for describing an author }ãnd {** for describing a second author }`

\* for example for describing an author

\*\* for describing a second author

and

`{* my note }õr [+ another note ]`

which numerically increments an asterisk and plus respectively

`*1 my note +1 another note`

**0.38** (2006w15/7) introduced new/alternative notation for headers, e.g. `@title:` (instead of `0 title`), and accompanying document structure markup, `:A,:B,:C,1,2,3` (maps to previous 1,2,3,4,5,6)

**SiSU** 0.38 introduced alternative experimental header and heading/structure markers,

`@headername: and headers :A :B :C 1 2 3`

as the equivalent of:

`0 headername and headers 1 2 3 4 5 6`

The internal document markup of **SiSU** 0.16 remains valid and standard Though note that **SiSU** 0.37 introduced a new file naming convention

**SiSU** has in effect two sets of levels to be considered, using 0.38 notation A-C head-

ings/levels, pre-ordinary paragraphs /pre-substantive text, and 1-3 headings/levels, levels which are followed by ordinary text. This may be conceptualised as levels A,B,C, 1,2,3, and using such letter number notation, in effect: A must exist, optional B and C may follow in sequence (not strict) 1 must exist, optional 2 and 3 may follow in sequence i.e. there are two independent heading level sequences A,B,C and 1,2,3 (using the 0.16 standard notation 1,2,3 and 4,5,6) on the positive side: the 0.38 A,B,C,1,2,3 alternative makes explicit an aspect of structuring documents in **SiSU** that is not otherwise obvious to the newcomer (though it appears more complicated, is more in your face and likely to be understood fairly quickly); the substantive text follows levels 1,2,3 and it is `nice' to do most work in those levels

**0.37** (2006w09/7) introduced new file naming convention, .sst (text), .ssm (master), .ssi (insert), markup syntax unchanged 277

**SiSU** 0.37 introduced new file naming convention, using the file extensions .sst .ssm and .ssi to replace .s1 .s2 .s3 .r1 .r2 .r3 and .si 278

this is captured by the following file `rename' instruction: 279

```
rename 's/s[123]$/sst/' *.s{1,2,3} 280
rename 's/i[123]$/ssm/' *.r{1,2,3}
rename 's/si$/ssi/' *.si
```

The internal document markup remains unchanged, from **SiSU** 0.16 281

**0.35** (2005w52/3) sisupod, zipped content file introduced 282

**0.23** (2005w36/2) utf-8 for markup file 283

**0.22** (2005w35/3) image dimensions may be omitted if rmagick is available to be relied upon 284

**0.20.4** (2005w33/4) header 0 links 285

**0.16** (2005w25/2) substantial changes introduced to make markup cleaner, header 0 title type, and headings [1-6] introduced, also percentage sign (%) at start of a text line as comment marker 286

**SiSU** 0.16 (0.15 development branch) introduced the use of 287

the header 0 and headings/structure 1 2 3 4 5 6 288

in place of the 0.1 header, heading/structure notation 289

**SiSU** 0.1 headers and headings structure represented by header 0{ and headings/structure 1{ 2{ 3{ 4{ 5{ 6{ 290

## Document Information (metadata)

### Metadata

Document Manifest @

<[http://www.sisudoc.org/sisu/sisu\\_markup/sisu\\_manifest.html](http://www.sisudoc.org/sisu/sisu_markup/sisu_manifest.html)>

### Dublin Core (DC)

*DC tags included with this document are provided here.*

DC Title: SiSU - Markup

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: 2008-05-22

DC Date: 2008-05-22

### Version Information

Sourcefile: sisu\_markup.sst

Filetype: SiSU text 0.67

Sourcefile Digest, MD5(sisu\_markup.sst)= 866e72dddc43553b65d7f7be7cfb71f8

Skin\_Digest: MD5(skin\_sisu\_manual.rb)= 072b2584bedea82ea8a416587b9fa244

### Generated

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Ruby version: ruby 1.8.7 (2008-08-11 patchlevel 72) [i486-linux]

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[http://www.jus.uio.no/sisu/sisu\\_markup/doc.html](http://www.jus.uio.no/sisu/sisu_markup/doc.html)

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

[http://www.jus.uio.no/sisu/sisu\\_markup/sisu\\_manifest.html](http://www.jus.uio.no/sisu/sisu_markup/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/examples.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>

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