

# SiSU - Markup

Ralph Amissah

copy @ [www.jus.uio.no/sisu/](http://www.jus.uio.no/sisu/)

---

Copyright © Ralph Amissah 2007, part of SiSU documenta-  
tion;  
License: GPL 3 or later

Contents

<b>Metadata</b>	<b>19</b>
SiSU Metadata, document information . . . . .	19

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

<b>SiSU Markup</b>	<b>1</b>
1. Introduction to SiSU Markup . . . . .	1
1.1 Summary . . . . .	1
1.2 Markup Examples . . . . .	2
1.2.1 Online . . . . .	2
1.2.2 Installed . . . . .	2
2. Markup of Headers . . . . .	2
2.1 Sample Header . . . . .	2
2.2 Available Headers . . . . .	3
3. Markup of Substantive Text . . . . .	5
3.1 Heading Levels . . . . .	5
3.2 Font Attributes . . . . .	5
3.3 Indentation and bullets . . . . .	6
3.4 Footnotes / Endnotes . . . . .	6
3.5 Links . . . . .	7
3.5.1 Naked URLs within text, dealing with urls . . . . .	7
3.5.2 Linking Text . . . . .	8
3.5.3 Linking Images . . . . .	8
3.6 Grouped Text . . . . .	9
3.6.1 Tables . . . . .	9
3.6.2 Poem . . . . .	10
3.6.3 Group . . . . .	11
3.6.4 Code . . . . .	13
3.7 Book index . . . . .	14
4. Composite documents markup . . . . .	15
<b>Markup Syntax History</b>	<b>16</b>
5. Notes related to Files-types and Markup Syntax . . . . .	16

1	SiSU - Markup, Ralph Amissah
2	SiSU Markup

	<b>1. Introduction to SiSU Markup<sup>1</sup></b>	3
	<b>1.1 Summary</b>	4
	SiSU 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
	Γ 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
	Γ 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
	Γ heading levels defines document structure	10
	Γ text basic attributes, italics, bold etc.	11
	Γ grouped text (objects), which are to be treated differently, such as code blocks or poems.	12
	Γ footnotes/endnotes	13
	Γ linked text and images	14
	Γ 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

<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

19 For brief descriptive summary of markup history

20 `sisu -query-history`

21 or if for a particular version:

22 `sisu -query-0.38`

## 23 1.2 Markup Examples

### 24 1.2.1 Online

25 Online markup examples are available together with the respective  
 26 outputs produced from `<http://www.jus.uio.no/sisu/SiSU/examples.html>` or from  
 27 `<http://www.jus.uio.no/sisu/sisu\_examples/>`

28 There is of course this document, which provides a cursory overview  
 29 of sisu markup and the respective output produced: `<http://www.jus.uio.no/sisu/sisu\_markup/>`

30 an alternative presentation of markup syntax: `/usr/share/doc/sisu-on_markup.txt.gz`

### 31 1.2.2 Installed

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

## 34 2. Markup of Headers

35 Headers contain either: semantic meta-data about a document, which can be used by any output module of the program, or; processing instructions.

36 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:

```
37 % this would be a comment
```

### 38 2.1 Sample Header

39 This current document is loaded by a master document that has a header similar to this one:

```
40 % SiSU master 2.0
```

```
41 @title: SiSU
42 :subtitle: Manual
```

```
43 @creator: :author: Amissah, Ralph
```

```
44 @rights: Copyright (C) Ralph Amissah 2007, part of SiSU
45 documentation, License GPL 3
```

```
46 @classify:
47 :type: information
48 :topic_register: SiSU>manual;electronic
49 documents:SiSU>manual
50 :subject: ebook, publishing, electronic book,
51 electronic publishing,
52 electronic document, electronic citation, data
53 structure,
54 citation systems, search
```

```

% used_by: manual

@date:
:published: 2008-05-22
:created: 2002-08-28
:issued: 2002-08-28
:available: 2002-08-28
:modified: 2010-03-03

@make:
:num_top: 1
:breaks: new=C; break=1
:skin: skin_sisu_manual
:bold: /Gnu|Debian|Ruby|SiSU/
:manpage: name=sisu - documents: markup, structuring,
publishing in multiple standard formats, and search;
synopsis=sisu
[-abcDdeFhIiMmNnopqRrSsTtUuVvwXxYyZz0-9] [filename/wildcard
]
    . sisu [-Ddcv] [instruction]
    . sisu [-CcFLSVvW]
    . sisu --v2 [operations]
    . sisu --v3 [operations]

@links:
{ SiSU Homepage }http://www.sisudoc.org/
{ SiSU Manual }http://www.sisudoc.org/sisu/sisu_manual/
{ Book Samples & Markup Examples
}http://www.jus.uio.no/sisu/SiSU/examples.html
{ SiSU Download
}http://www.jus.uio.no/sisu/SiSU/download.html
{ SiSU Changelog
}http://www.jus.uio.no/sisu/SiSU/changelog.html
{ SiSU Git repo
}http://git.sisudoc.org/?p=code/sisu.git;a=summary
{ SiSU List Archives
}http://lists.sisudoc.org/pipermail/sisu/
{ SiSU @ Debian }http://packages.qa.debian.org/s/sisu.html

```

```

{ SiSU Project @ Debian
}http://qa.debian.org/developer.php?login=sisu@lists.sisudoc.org
{ SiSU @ Wikipedia }http://en.wikipedia.org/wiki/SiSU

```

## 2.2 Available Headers

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 the form @headername: or on the next line and indented by once space :subheadername: All Dublin Core meta tags are available

**@identifier:** information or instructions

where the “identifier” is a tag recognised by the program, and the “information” or “instructions” belong to the tag/identifier specified

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.

This is a sample header

```

% SiSU 2.0 [declared file-type identifier with markup
version]
@title: [title text] [this header is the only one that is
mandatory]
:subtitle: [subtitle if any]
:language: English

@creator:
:author: [Lastname, First names]
:illustrator: [Lastname, First names]
:translator: [Lastname, First names]
:prepared.by: [Lastname, First names]

@date:
:published: [year or yyyy-mm-dd]

```

```

:created: [year or yyyy-mm-dd]
:issued: [year or yyyy-mm-dd]
:available: [year or yyyy-mm-dd]
:modified: [year or yyyy-mm-dd]
:valid: [year or yyyy-mm-dd]
:added_to_site: [year or yyyy-mm-dd]
:translated: [year or yyyy-mm-dd]
47 @rights:
   :copyright: Copyright (C) [Year and Holder]
   :license: [Use License granted]
   :text: [Year and Holder]
   :translation: [Name, Year]
   :illustrations: [Name, Year]
48 @classify:
   :topic_register: SiSU:markup
sample:book;book:novel:fantasy
   :type:
   :subject:
   :description:
   :keywords:
   :abstract:
   :isbn: [ISBN]
   :loc: [Library of Congress classification]
   :dewey: [Dewey classification]
   :pg: [Project Gutenberg text number]
49 @links: { SiSU }http://www.sisudoc.org
   { FSF }http://www.fsf.org
50 @make:
   :skin: skin_name [skins change default settings related
to the appearance of documents generated]
   :num_top: 1
   :headings: [text to match for each level
(e.g. PART; Chapter; Section; Article; or another:
none; BOOK|FIRST|SECOND; none; CHAPTER;)]
   :breaks: new=:C; break=1
   :promo: sisu, ruby, sisu_search_libre, open_society
   :bold: [regular expression of words/phrases to be made
bold]
   :italics: [regular expression of words/phrases to
italicise]
   @original:
   :language: [language]
   @notes:
   :comment:
   :prefix: [prefix is placed just after table of
contents]
51
52

```

### 53 3. Markup of Substantive Text

#### 54 3.1 Heading Levels

55 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)

56 **: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

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

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

59 **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

60 **2~ [heading text]** Second level heading preceding substantive text  
of document or sub-heading 3 , the heading level that would nor-  
mally be marked 1.1 or 1.2 or 1.3 or 2.1 etc. in a document.

61 **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

62 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)

#### 3.2 Font Attributes 63

##### markup example: 64

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

normal text

*\*{emphasis}\** [note: can be configured to be represented  
by bold, italics or underline]

**!{bold text}!**

*{italics}*/

\_{underline}\_

"{citation}"

^ {superscript}^

,{subscript},

+{inserted text}+

-{strikethrough}-

#{monospace}#

##### resulting output: 66

normal text, **emphasis** , **bold text** , *italics*, underline, “ci- 67

	tation”, superscript, subscript, <u>inserted text</u> , <del>strikethrough</del> , monospace	indent para- graph nine steps	86
68	normal text		
69	<b>emphasis</b> [note: can be configured to be represented by bold, italics or underscore]	<b>markup example:</b>	87
70	<b>bold text</b>	<code>_* bullet text</code>	88
71	<i>italics</i>	<code>.1* bullet text, first indent</code>	
72	<u>underscore</u>	<code>.2* bullet text, two step indent</code>	
73	“citation”	<b>resulting output:</b>	89
74	superscript	Γ bullet text	90
75	subscript	Γ bullet text, first indent	91
76	<u>inserted text</u>	Γ bullet text, two step indent	92
77	<del>strikethrough</del>	Numbered List (not to be confused with headings/titles, (document structure))	93
78	monospace	<b>markup example:</b>	94
79	<b>3.3 Indentation and bullets</b>	<code># numbered list</code> <code>numbered list 1., 2., 3,</code> <code>etc.</code>	95
80	<b>markup example:</b>	<code>_# numbered list numbered list indented a., b., c., d.,</code> <code>etc.</code>	
81	ordinary paragraph		
	<code>_1 indent paragraph one step</code>		
	<code>_2 indent paragraph two steps</code>		
	<code>_9 indent paragraph nine steps</code>		
82	<b>resulting output:</b>	<b>3.4 Footnotes / Endnotes</b>	96
83	ordinary paragraph	Footnotes and endnotes are marked up at the location where they would be indicated within a text. They are automatically num- bered. The output type determines whether footnotes or endnotes will be produced	97
84	indent paragraph one step	<b>markup example:</b>	98
85	indent paragraph two steps	<code>~{ a footnote or endnote }~</code>	99
		<b>resulting output:</b>	100

101	3		
102	<b>markup example:</b>	<code>% note the endnote marker "^^ "</code>	117
103	normal text <sup>3</sup> { self contained endnote marker & endnote in one } <sup>4</sup> continues	normal text^^ continues	
104	<b>resulting output:</b>	^^ endnote text following the paragraph in which the marker occurs	
105	normal text <sup>4</sup> continues		
106	<b>markup example:</b>	the standard and pair notation cannot be mixed in the same document	118
107	normal text ~{* unnumbered asterisk footnote/endnote, insert multiple asterisks if required } <sup>5</sup> continues		
	normal text ~{** another unnumbered asterisk footnote/endnote } <sup>6</sup> continues		
108	<b>resulting output:</b>		
109	normal text * continues		
110	normal text ** continues		
111	<b>markup example:</b>		
112	normal text ~[* editors notes, numbered asterisk footnote/endnote series ] <sup>7</sup> continues		
	normal text ~[+ editors notes, numbered asterisk footnote/endnote series ] <sup>8</sup> continues		
113	<b>resulting output:</b>		
114	normal text * <sup>1</sup> continues		
115	normal text + <sup>1</sup> continues		
116	<b>Alternative endnote pair notation for footnotes/endnotes:</b>		
	<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>7</sup> editors notes, numbered asterisk footnote/endnote series		
	<sup>8</sup> editors notes, numbered asterisk footnote/endnote series		
		<b>3.5 Links</b>	119
		<b>3.5.1 Naked URLs within text, dealing with urls</b>	120
		urls found within text are marked up automatically. A url within text is automatically 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).	121
		<b>markup example:</b>	122
		normal text <code>http://www.sisudoc.org/</code> continues	123
		<b>resulting output:</b>	124
		normal text <code>&lt;http://www.sisudoc.org/&gt;</code> continues	125
		An escaped url without decoration	126
		<b>markup example:</b>	127
		normal text <code>_http://www.sisudoc.org/</code> continues	128
		deb <code>http://www.jus.uio.no/sisu/archive unstable main non-free</code>	
		<b>resulting output:</b>	129
		normal text <code>http://www.sisudoc.org/</code> continues	130

132	deb <a href="http://www.jus.uio.no/sisu/archive">http://www.jus.uio.no/sisu/archive</a> unstable main non-free	131	Shared document collection link	151
133	where a code block is used there is neither decoration nor hyper-linking, code blocks are discussed later in this document		<b>markup example:</b>	152
134	<b>resulting output:</b>		about { SiSU book markup examples }:SiSU/examples.html	153
135	deb <a href="http://www.jus.uio.no/sisu/archive">http://www.jus.uio.no/sisu/archive</a> unstable main non-free		<b>resulting output:</b>	154
136	deb-src <a href="http://www.jus.uio.no/sisu/archive">http://www.jus.uio.no/sisu/archive</a> unstable main non-free		about <SiSU book markup examples>	155
137	<b>3.5.2 Linking Text</b>		<b>3.5.3 Linking Images</b>	156
138	To link text or an image to a url the markup is as follows		<b>markup example:</b>	157
139	<b>markup example:</b>		{ tux.png 64x80 }image	158
140	about { SiSU } <a href="http://url.org">http://url.org</a> markup		% various url linked images	
141	<b>resulting output:</b>		{tux.png 64x80 "a better way" } <a href="http://www.sisudoc.org/GnuDebianLinuxRubyBetterWay.png">http://www.sisudoc.org/ GnuDebianLinuxRubyBetterWay.png 100x101 "Way Better - with Gnu/Linux, Debian and Ruby" }<a href="http://www.sisudoc.org/~^_ruby_logo.png">http://www.sisudoc.org/ ~^_ruby_logo.png "Ruby" }<a href="http://www.ruby-lang.org/en/">http://www.ruby-lang.org/en/</a></a></a>	
142	about <SiSU> markup		<b>resulting output:</b>	159
143	A shortcut notation is available so the url link may also be provided automatically as a footnote			
144	<b>markup example:</b>			
145	about {~^ SiSU } <a href="http://url.org">http://url.org</a> markup			160
146	<b>resulting output:</b>			
147	about <SiSU> <sup>5</sup> markup			
148	Internal document links to a tagged location, including an ocn			
149	<b>markup example:</b>			
150	about { text links }#link_text			
151	<b>resulting output:</b>			
152	about <text links>			
153	<sup>5</sup> < <a href="http://www.sisudoc.org/">http://www.sisudoc.org/</a> >			161



162



163

6

### 164 linked url footnote shortcut

```
165 {~ [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

```
166 text marker
```

167 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.

## 168 3.6 Grouped Text

### 169 3.6.1 Tables

Tables may be prepared in two either of two forms

170

#### markup example:

171

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

172

```
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:

173

174

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

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

175

#### markup example: <sup>7</sup>

176

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

177

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

<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)>

	Jan. 2001	Jan. 2002	Jan. 182	3.6.2 Poem
2003 Jan. 2004 July 2004 June 2006				
Contributors*	10	472	2,188	9,653 basic markup: 48,721
Active contributors**	9	212	846	3,228 8,442 poem{ 16,945
Very active contributors***	0	31	190	692 1,639 Your poem here 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.

markup example:

poem{

```

'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
    
```

resulting output:

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

	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.

```

        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."`

```

```
}poem
```

187 **resulting output:**

188

```

        '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
        condemn
you
to
death."`

```

### 3.6.3 Group

189

#### basic markup:

190

```
group{
```

191

```
    Your grouped text here
```

```
}group
```

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

192 **markup example:**

```
193 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
                                                          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."
```

194

195

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."

### 196 3.6.4 Code

197 Code tags `code{ ... }code` (used as with other group tags described above) 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.

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] 198

**use of code tags instead of poem compared, resulting output:** 199

```

                                '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."
  
```

```

201 "I'll be
    judge, I'll
    be jury,"
    Said
    cunning
    old Fury:
    "I'll
    try the
    whole
    cause,
    and
    condemn
    you
    to
    death."'
202 From SiSU 2.7.7 on you can number codeblocks by placing a hash
    after the opening code tag code{# as demonstrated here:
203 1 |           'Fury said to a
204 2 |           mouse, That he
205 3 |           met in the
206 4 |           house,
207 5 |           "Let us
208 6 |           both go to
209 7 |           law: I will
210 8 |           prosecute
211 9 |           YOU. --Come,
212 10 |           I'll take no
213 11 |           denial; We
214 12 |           must have a
215 13 |           trial: For
216 14 |           really this
217 15 |           morning I've
218 16 |           nothing
219 17 |           to do."
220 18 |           Said the
221 19 |           mouse to the
222 20 |           cur, "Such

```

```

21 |           a trial,
22 |           dear Sir,
23 |           With
24 |           no jury
25 |           or judge,
26 |           would be
27 |           wasting
28 |           our
29 |           breath."
30 |           "I'll be
31 |           judge, I'll
32 |           be jury,"
33 |           Said
34 |           cunning
35 |           old Fury:
36 |           "I'll
37 |           try the
38 |           whole
39 |           cause,
40 |           and
41 |           condemn
42 |           you
43 |           to
44 |           death."'

```

### 3.7 Book index

203

To make an index append to paragraph the book index term relates to it, using an equal sign and curly braces. 204

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. 205

```

Paragraph containing main term and sub-term. 206
={Main term:sub-term}

```

The index syntax starts on a new line, but there should not be an 207

empty line between paragraph and index markup.

208 The structure of the resulting index would be:

```
209     Main term, 1
        sub-term, 1
```

210 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.

```
211     Paragraph containing main term, second term and
sub-term.
    ={first term; second term: sub-term}
```

212 The structure of the resulting index would be:

```
213     First term, 1,
        Second term, 1,
        sub-term, 1
```

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

```
215     Paragraph containing main term, second term and
sub-term.
    ={Main term:sub-term+1|second sub-term
```

A paragraph that continues discussion of the first sub-term

216 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:

```
217     Main term, 1,
        sub-term, 1-3,
        second sub-term, 1,
```

#### 4. Composite documents markup

218

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**

219

basic markup for importing a document into a master document

220

```
<< filename1.sst
```

221

```
<< filename2.ssi
```

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.

222

```
<< filename.ssi
```

223

```
<<{filename.ssi}
```

```
% using textlink alternatives
```

```
<< |filename.ssi|@|^ |
```

224	Markup Syntax History	
	<b>5. Notes related to Files-types and Markup Syntax</b>	225
	2.0 introduced new headers and is therefore incompatible with 1.0 though otherwise the same with the addition of a couple of tags (i.e. a superset)	226
	0.38 is substantially current for version 1.0	227
	depreciated 0.16 supported, though file names were changed at 0.37	228
	<code>Γ sisu -query=[sisu version [0.38] or 'history]</code>	229
	provides a short history of changes to <b>SiSU</b> markup	230
	<b>SiSU 2.0</b> (2010-03-06:09/6) same as 1.0, apart from the changing of headers and the addition of a monospace tag related headers now grouped, e.g.	231
	<code>@title:</code>	232
	<code>:subtitle:</code>	
	<code>@creator:</code>	
	<code>:author:</code>	
	<code>:translator:</code>	
	<code>:illustrator:</code>	
	<code>@rights:</code>	
	<code>:text:</code>	
	<code>:illustrations:</code>	
	see document markup samples, and <code>sisu -help</code> headers	233
	the monospace tag takes the form of a hash <code>'#'</code>	234
	<code>#{ this enclosed text would be monospaced }#</code>	235
	<b>1.0</b> (2009-12-19:50/6) same as 0.69	236
	<b>0.69</b> (2008-09-16:37/2) (same as 1.0) and as previous (0.57) with the addition of book index tags	237
	<code>/^ ={.+?}\$ /</code>	238

	e.g. appended to a paragraph, on a new-line (without a blank line in between) logical structure produced assuming this is the first text “object”		
240	<code>={GNU/Linux community distribution:Debian+2 Fedora Gentoo;Free Software Foundation+5}</code>		
241	<code>Free Software Foundation, 1-6 GNU/Linux community distribution, 1 Debian, 1-3 Fedora, 1 Gentoo,</code>		
242	<b>0.66</b> (2008-02-24:07/7) same as previous, adds semantic tags, [experimental and not-used]		
243	<code>/[:;]{.+?}[:;][a-z+]/</code>		
244	<b>0.57</b> (2007w34/4) <b>SiSU</b> 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:]		
245	<code>:A~ @title by @author</code>		
246	<b>0.52</b> (2007w14/6) declared document type identifier at start of text/document:		
247	<code>SiSU 0.52</code>		
248	or, backward compatible using the comment marker:		
249	<code>% SiSU 0.38</code>		
250	variations include ‘ <b>SiSU</b> (text master insert) [version]’ and ‘sisu-[version]’		
251	<b>0.51</b> (2007w13/6) skins changed (simplified), markup unchanged		
252	<b>0.42</b> (2006w27/4) * (asterisk) type endnotes, used e.g. in relation to author	239	ditional endnote types,
253	<b>SiSU</b> 0.42 is the same as 0.38 with the introduction of some ad-		
		254	Introduces some variations on endnotes, in particular the use of the asterisk
		255	<code>~{* for example for describing an author }~</code> and <code>~{** for describing a second author }~</code>
		256	<code>* for example for describing an author</code>
		257	<code>** for describing a second author</code>
		258	and
		259	<code>~[* my note ]~</code> or <code>~[+ another note ]~</code>
		260	which numerically increments an asterisk and plus respectively
		261	<code>*1 my note +1 another note</code>
		262	<b>0.38</b> (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)
		263	<b>SiSU</b> 0.38 introduced alternative experimental header and heading/structure markers,
		264	<code>@headername: and headers :A~ :B~ :C~ 1~ 2~ 3~</code>
		265	as the equivalent of:
		266	<code>0~headername and headers 1~ 2~ 3~ 4~ 5~ 6~</code>
		267	The internal document markup of <b>SiSU</b> 0.16 remains valid and standard Though note that <b>SiSU</b> 0.37 introduced a new file naming convention
		268	<b>SiSU</b> has in effect two sets of levels to be considered, using 0.38 notation A-C headings/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

269 **0.37** (2006w09/7) introduced new file naming convention, .sst (text), .ssm (master), .ssi (insert), markup syntax unchanged

270 **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

271 this is captured by the following file ‘rename’ instruction:

```
272 rename 's/_s[123]$/_sst/' *.s{1,2,3}
273 rename 's/_r[123]$/_ssm/' *.r{1,2,3}
274 rename 's/_si$/_ssi/' *.si
```

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

276 **0.35** (2005w52/3) sisupod, zipped content file introduced

277 **0.23** (2005w36/2) utf-8 for markup file

278 **0.22** (2005w35/3) image dimensions may be omitted if rmagick is available to be relied upon

279 **0.20.4** (2005w33/4) header 0~links

280 **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

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

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

in place of the 0.1 header, heading/structure notation

**SiSU** 0.1 headers and headings structure represented by header 0{~ and headings/structure 1{ 2{ 3{ 4{~ 5{ 6{ 282

## Metadata

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

### SiSU Metadata, document information

**Document Manifest @:**

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

**Title:** SiSU - Markup

**Creator:** Ralph Amissah

**Rights:** Copyright (C) Ralph Amissah 2007, part of SiSU documentation;

License: GPL 3 or later

**Subject:** ebook, epubliishing, electronic book, electronic publishing, electronic document, electronic citation, data structure, citation systems, search

**Publisher:** SiSU <&#60;text:a xlink:type='simple' xlink:href='http://www.jus.uio.no/sisu'62;http://www.jus.uio.no/sisu#60;/text:a#62;> (this copy)

**Date created:** 2002-08-28

**Date issued:** 2002-08-28

**Date available:** 2002-08-28

**Date modified:** 2011-02-07

**Date:** 2008-05-22

**Topics Registered:** electronic documents:SiSU:document:markup;SiSU:document:-markup;SiSU:document:markup;SiSU>manual:markup;electronic documents:SiSU:-manual:markup

#### Version Information

**Sourcefile:** sisu\_markup.sst

**Filetype:** SiSU text 2.0

**Source Digest:** SHA256(sisu\_markup.sst)=d0fbb19d8cacd7d1919de4be558ec4dae3e0f2fcfe12d63ca148da872c5a66c1

**Skin Digest:** SHA256(skin\_sisu\_manual.rb)=689f79b53be3d51460af31dc82d6cbab4a253079db263cd715c8254a6af60eb8

#### Generated

**Document (dal) last generated:** Sun Mar 20 23:45:57 +0100 2011

**Generated by:** SiSU 2.8.2 of 2011w10/5 (2011-03-11)