

Simple Document Marking Language

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Simple Document Marking Language (SDML, a tentative name), is a simple marking up language developed for writing documentation for Dao. SDML uses simple syntax to specify the elements of a document, which can be then converted to a Latex document (then PDF) or a HTML document. SDML is also the basic format used to prepare the website content of *daovm.net* .

Basic elements of SDML:

- Document title: `<title> example </title>` ;

One can optional use the followings, which have effects (currently) only when the document is converted to Latex document, to set the type of document.

1. `<article> example </article>` ;
2. `<report> example </report>` ;
3. `<book> example </book>` ;

- Author name: `<author> somebody </author>` ;

- Chapter or section name: `<====>section</====>` ;

There can be one or more = marks in the tag. The nesting level is corresponding to the length of the tag.

- Font: bold, `<bf>text</bf>` ; italic, `<it>text</it>` ;

- Link: `<link>text=url</link>` ;

In the case that this format is used on the Dao website, if **url** contains only letters, digits and underscore mark, **url** is interpreted as a named web page, otherwise it is interpreted as a HTTP URL.

Dao Documentations

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- Image: `<image>name</image>` ;

In the case that this format is used on the Dao website, if **url** contains only letters, digits and underscore mark, **url** is interpreted as a named image (uploaded image), otherwise it is interpreted as the HTTP URL of an image.

- List: `<list>items</list>` ;

Use `==` (for ordered list) or `-` (for un-ordered list) to list the items.

Ordered list:

This will give:

1. item1
2. item2

Un-ordered list:

This will give:

- item1
- item2

- Table: `<table>cells</table>` ;

`^` can be to mark the headers of a table; `|` to define the cells of a table; and `===` can be use to mark a row break.

This will give:

Header1	Header2
Cell11	Cell12
Cell21	Cell22
Cell31	Cell32

The row of headers is optional.

- Text citing: `<cite>text</cite>` ;

text

- Source code highlighting: `<code lang>source</code>` ;

At this moment, **lang** can be **dao** , **cpp** , **bnf** or **sdml** , other languages will be supported in the future.

This will give:

```
stdio.println( 'hello world!' );
```