

Page for mappingSchema in general

Table of contents

1 mappingSchema ###.....	2
2 UMS ###.....	2
3 mapping definition ###.....	2
4	3
4.1 Required knowledge.....	3
4.2 How To.....	3
4.3 Development.....	3
4.4 Mailing Lists.....	3
5	3
5.1 #####.....	3
5.2 PDF#####.....	4

[English](#) (index_en.html)

1. mappingSchema

mappingSchema #####(#####) #####
#####XML ##### RELAX NG
#####

#####RELAX NG ##### UMS #### ##### RELAX NG
UMS

- [RELAX NG](http://www.asahi-net.or.jp/~eb2m-mrt/relaxngjis/jaspec-20011203.html) (http://www.asahi-net.or.jp/~eb2m-mrt/relaxngjis/jaspec-20011203.html)
- UMS ### (2006/07/27) ([pdf](#) (mappingSchema/RelaxngUmsSpec20060728s.pdf))

2. UMS

UMS(Universal Mapping Schema)#####

#####

#####

#####

3. mapping definition

mappingSchema ##### **mapping definition**##### **mapping definition**##XML
XML ##### mappingSchema #####
(umsCodeGenerator #####) # XML ##### (RELAX NG)
#####

mapping definition # #####(#####)# #####
mapping definition# #####

mapping definition#####

mapping definition#### #####
#####umsCodegenerator ####
mappingSchema ##### mappingSchema #####
mapping definition## ##### **mapping definition**#

```
##### ## mapping definition (#####)
#####
```

4.

4.1. Required knowledge

Knowledge of XML and its name space is required for usage of mappingSchema since mappingSchema is a schema language described in XML (sorry, no description is available at this moment). mappingSchema shares philosophy and some definition with an XML schema language [RELAX NG](http://www.thaiopensource.com/relaxng/) (<http://www.thaiopensource.com/relaxng/>) . Knowledge of RELAX NG is helpful to understand mappingSchema. Although XML version of mappingSchema is very similar with that of RELAX NG, there is some difference (see [difference](#) (mappingSchema/relaxngvsxmlversion_ja.txt)).

4.2. How To

In trodution of software development with mappingSchema is found [here](#) (mappingSchema/mappingSchema-20050106.pdf) (sorry in Japanese).

develop program with mappingSchema (sorry, in Japanese). Note: Mapping definition and tools used in this document is somewhat older than the recent implementation of umsCodeGenerator.

4.3. Development

is now on-going by myself (KM) and few members. To accelerate our development, any contribution or collaboration is welcome.

4.4. Mailing Lists

Please send mail Mailing List itself if you want to join.

- Users ML: ums_users@plain.isas.jaxa.jp
- Develloppers ML: ums_devel@plain.isas.jaxa.jp

5.

5.1.

- ##### API
#####

- ##### (ums group) #####
- #####
- #####
- Encode # decode ##### XML - XML syntax ##### XML - language syntax #####

(-KM-)

5.2. PDF#####

#####[Apache Forrest](http://forrest.apache.org/) (http://forrest.apache.org/) #####

PDF#####

- #####?
- #####
- #####