

define

Table of contents

1 #####	2
2 ##	2
2.1 name ##	2
2.2 combine ##	2
3 ####	2
4 ###	3
4.1 # 1: define## # include## #####	3
4.2 # 2: #####	3
5 ####	4

1.

- #####(#####)##### define##
#####
 - define## ##### ref## ##### externalRef##, include## #####
 - ## grammar## #### include## ##### define##
#####
 - ##### define## # ref## ##### ##include##
#####(ref##) ####(define##)
ref##
- ##### define##
- grammar## #####combine ## #####combine ## ##
choice #### interleave #####
 - include## #####
#####combine ## #####

2.

2.1. name

```
#####name ## ##### NCName
##### :
#####
```

2.2. combine

```
#####(#####)#
```

3.

- ## define##
#####empty##
notAllowed## #####
(#####notAllowed## #####)#
- ##### element##, attribute##
#####(#####)#####
define, ref #####

```
<element>
  <anyName>
    <except> <!-- except ##### -->
```

define ##

```
<ref name="exceptRule"/> <!-- #####!! -->
</except>
</anyName>
...
</element>

<define name="exceptRule">
<choice>
<name>abc</name>
<name>def</name>
</choice>
</define>

####ref##, define## ##### define## #### except## #####
```

4.

4.1. # 1: define## # include##

####1: schema1.rng

```
<?xml version="1.0"?>
<grammar xmlns="http://relaxng.org/ns/structure/1.0">

<start>
<element name="document">
<ref name="para"/> <!-- ##### -->
</element>
</start>

<include href="schema2.rng"/> <!-- ##### -->

<define name="para" combine="choice">
<element name="strong"><empty/></element>
</define>

</grammar>
```

####2: schema2.rng

```
<?xml version="1.0"?>
<grammar xmlns="http://relaxng.org/ns/structure/1.0">

<define name="para"> <!-- ##### define ## -->
<element name="em"><empty/></element>
</define>

</grammar>
```

4.2. # 2:

#####

```
<?xml version="1.0"?>
<grammar xmlns="http://relaxng.org/ns/structure/1.0">

<start>
  <element name="document">
    <choice> <!-- define ### combine ##### -->
      <element name="strong"><empty/></element>
      <element name="em"><empty/></element>
    </choice>
  </element>
</start>

</grammar>
```

5.

- James Clark and Makoto Murata, ISO/IEC FDIS 19757-2 Document Schema Definition Language (DSDL) -- Part 2: Regular-grammar-based validation -- RELAX NG
- ## #, #define## @ ##### RELAX NG ###