

# choice ##

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1. #####

- #####
- ##### # ##### (XML#####) #####
- grammar #####
- ##### externalRef  
#####

2. ##

- #####

3. ####

- ### #####
- interleave##, optional##, zeroOrMore## #####
- #####(#####)#####
- ref #####

4. ###

4.1. # 1: mapping ## (XML-XML syntax)

#####'A' ##### '2' ##### ## id ## '1'#2'#####

```

<choice>
  <group>
    <dat:byte><dat:value>A</dat:value></dat:byte>
    <lang:value-of
select="id"><lang:value>1</lang:value></lang:value-of>
  </group>
  <group>
    <dat:byte>
      <lang:value-of select="id"><value>2</value></lang:value-of>
    </dat:byte>
  </group>
</choice>

```

4.2. # 2: mapping ## (XML-language syntax)

# 1 #####

**encode ##**

```

<choice>

```

## choice ##

```
<group>
  <lang:value>1</lang:value> = id;
  <dat:byte><dat:value>A</dat:value></dat:byte>
</group>
<group>
  <dat:byte>
    <value>2</value> = id;
  </dat:byte>
</group>
</choice>
```

## decode ##

```
<choice>
  <group>
    <dat:byte><dat:value>A</dat:value></dat:byte>
    id = <lang:value>1</lang:value>;
  </group>
  <group>
    <dat:byte>
      id = <value>2</value>;
    </dat:byte>
  </group>
</choice>
```

choice ### group #####  
#####

## 5. #####

### 5.1. ## 1: ##### choice##

choice## ### choice## #####

#### ###1

```
<choice>
  <ref name="a"/>
  <choice>
    <ref name="b"/>
    <ref name="c"/>
  </choice>
</choice>
```

#### ###2

```
<choice>
  <ref name="a"/>
  <ref name="b"/>
  <ref name="c"/>
</choice>
```

**5.2. ## 2: empty## #### choice##**

```
#####empty## ##### 2##### empty##  
#####notAllowed## ##### =  
#####(#####)#
```

**5.3. ## 3: notAllowed## #### choice##**

```
notAllowed## #####notAllowed##  
#####
```

#####

**6. #####**

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