

# ####

## Table of contents

|                      |   |
|----------------------|---|
| 1 ####.....          | 2 |
| 2 1. #####.....      | 2 |
| 3 2. ####/#####..... | 2 |
| 3.1 2.1 #####.....   | 3 |
| 3.2 2.2 #####.....   | 4 |
| 3.3 2.3 #####.....   | 5 |

1. ####

#####2#####

- 1. mapping definition #####
- 2. #####/#####

2. 1. #####

##### XSLT ##### ##### Java  
#####

##### <xsl:template name="error"> ##### ##  
template #####

```
# Error - mapping definition ##### line:### column:###  
element:<###> "#####."
```

XSLT ##### ##### XSLT ##### #####

```
[#####]  
src/raw/common.xsl  
src/raw/check.xsl
```

#####[XSLT #####](#) (tableTools-2005072901.txt)

3. 2. #####/#####

umsCodeGeneratotr #####/##### #####  
#####/#####

- #####
- #####
- #####
- ##### mapping definition #####
- ##### mapping definition ###
- ##### mapping definition ###
- ##### mapping definition ###
- #####(bit)
- #####

#####

```
#####  
-- input data --
```

####

```

at line ###, column ###
at byte ####, bit ####
Address| 00 01 02 03 04 05 06 07 08 09 0a 0b 0c 0d 0e 0f
-----+-----
      xxx | #####
          |
          | ~ #####
-- mapping definition --
mapping definition #####
at line:###, column:###, element:<###>, "#####"
```

**Note:**  
#####(#####)## #####

### 3.1. 2.1 #####

####/######C ### Java ##### Java #####C  
#####Java #####  
##### [#####](#) (tableTools-2005080901.txt)

#### 3.1.1. 2.1.1 C #####

C##### "ums\_\_exception\_t" #####

```
[#####]
src/clng/umsException.h
```

Java #####

##### "FUNCTION" ## #####

| ###                    | ##                                 |
|------------------------|------------------------------------|
| throw                  | ##### void #####                   |
| throwWithValue         | #####<br>#####void##### return ### |
| catchAndThrow          | ##### void #####                   |
| catchAndThrowWithValue | ##### void                         |

####

|       |                  |
|-------|------------------|
|       | ##### return ### |
| catch | #####            |

```
[#####]
src/clng/umsException.h
```

### 3.1.2. 2.1.2 Java #####

Java ###Exception ##### UMSEException #####

```
[#####]
src/java/jp/jaxa/isas/ums/runtime/UMSEException.java
```

Java #####

#####[JAVA ##### clone\(\) #####](#) (tableTools-2005092903.txt)

### 3.2. 2.2 #####

#####10#6#####

```
WWXYZZ
WW: ####
X ####
Y #####
ZZ###
```

#####umsCodeGenerator #####

| #  | ##### | ##                |
|----|-------|-------------------|
| WW | 10    | #####             |
|    | 20    | #####             |
|    | 30    | #####             |
| X  | 1     | umsCodeGenerator  |
| Y  | 1     | datatypeLibrary## |
|    | 2     | decode#encode##   |
|    | 3     | #####             |
|    | 4     | #####             |

umsCodeGenerator#####

####

| ###   | #####             | #####  | ####         |
|-------|-------------------|--------|--------------|
| ##### | datatypeLibrary## | 101101 | ####bit##### |
| ##### | datatypeLibrary## | 101103 | ####bit##### |
| ##### | decode#encode##   | 101209 | #####        |
| ##### | decode#encode##   | 101211 | #####        |
| ##### | datatypeLibrary## | 201104 | #####        |
| ##### | decode#encode##   | 201204 | #####        |
| ##### | decode#encode##   | 201205 | #####        |
| ##### | decode#encode##   | 201206 | #####        |
| ##### | decode#encode##   | 201900 | ####         |
| ##### | datatypeLibrary## | 301100 | #####        |
| ##### | datatypeLibrary## | 301102 | #####        |
| ##### | datatypeLibrary## | 301105 | #####        |
| ##### | datatypeLibrary## | 301172 | #####        |
| ##### | decode#encode##   | 301200 | #####        |
| ##### | #####             | 301300 | bit####      |

### 3.3. 2.3 #####

#####  
#####

##### = #####

#####

| ##  | #####                       | #####  |
|-----|-----------------------------|--|
| ### | UMSEException_jp.properties | 101101=#####length#####(bitlen)#encode<br>#####(typelen)#####<br>#####length#####<br>101103=#####length#####(bitlen)#####<br>#####(maxlen)#####<br>#####length#####<br># |

####

|    |                            |  |
|----|----------------------------|--|
| ## | UMSException_en.properties | 101101=It is not equal to fixed bit length (typelen) of the data type from which bit length (bitlen) specified for length of the container is specified for encode.<br>Please correct the value specified for length of the container.<br>101103=Bit length (bitlen) specified for length of the container exceeds maximum bit length (maxlen)of the data type. Please correct the value specified for length of the container or change the data type.<br># |
|----|----------------------------|--|

[#####]  
lang/UMSException\_en\_US.properties  
lang/UMSException\_ja\_JP.properties

**Note:**

##### LANG #####