

# class ##

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## 1. Java #####

- #####
- class #####inner class #####
- grammar #####

## 2. ##

### 2.1. abstract ##

#####

### 2.2. name ##

#####

### 2.3. extends ##

#####

## 3. ##

- #####

## 4. ####

- implements ###defineFunctions ###defineVariables #####

## 5. ###

### 5.1. # 1:

```
<java: class scope="abstract" name="Sample"
xmlns:java="http://ums.isas.jaxa.jp/0.4/java">
  <defineFunctions>
    <java: function scope="abstract" name="setStringValue">
      ...
    </java: function>
    <java: function scope="abstract" name="setIntValue">
      ...
    </java: function>
  </defineFunctions>
  <defineFunctions>
    <java: function name="decodeData">
```

*class ##*

```
    ...
    <defineVariables>
    ...
    </defineVariables>
    <defineMapping direction="decode"
xmlns:txt="http://ums.isas.jaxa.jp/0.4/dat">
    ...
    </defineMapping>
</java:function>
<java:function name="encodeData">
    ...
    <defineVariables>
    ...
    </defineVariables>
    <defineMapping direction="encode"
xmlns:txt="http://ums.isas.jaxa.jp/0.4/dat">
    ...
    </defineMapping>
</java:function>
</defineFunctions>
</java:class>
```