



Generated Document Type Definition

Using the XML Toolkit, a Natural Data Area, or more precisely a Local Data Area, Parameter Data Area or Global Data Area, can be generated that represents a given Document Type Definition.

The generation follows the following rules:

- Natural Variable will result in an Element with content.
- Natural Group will result in a Sequence of Elements.
- Multiple Variables or Groups will be generated with multiplicity "zero or more".
- Special Characters not valid for xml names are converted into valid names. For the conversion settings, see the options dialog of the XML Toolkit.

Example Natural Data Area:

```
DEFINE DATA LOCAL
1 NAT$EMPLOYEE
  2 ATTRIBUTES_OF_NAT$EMPLOYEE
    3 PERSONNEL/ID(A8)
  2 C@MAN@WORK(I4)
  2 MAN@WORK
    3 JOB(A10)
  2 A$TEST$MAKL(I4)
  2 AS/FA/SD(P7.5)
  2 #ASDFAS(F4)
  2 ASF#AS(N9)
  2 A-SF-D(A) Dynamic
  2 INC@OME(1:6)
    3 C@BONUS(I4)
    3 BONUS(A9/1:4)
END-DEFINE
```

Generated DTD:

```
<!-- DTD XMLTOOLS BEISP -->
<!ELEMENT NAT$EMPLOYEE ( MAN@WORK , AdollarTESTdollarMAKL ,
  ASSlashFAslashSD , hashASDFAS , ASFhashAS , A-SF-D , INC@OME* ) >
<!ATTLIST NAT$EMPLOYEE PERSONNEL/ID CDATA #IMPLIED >
<!ELEMENT MAN@WORK ( JOB ) >
<!ELEMENT JOB (#PCDATA) >
<!ELEMENT AdollarTESTdollarMAKL (#PCDATA) >
<!ELEMENT ASSlashFAslashSD (#PCDATA) >
<!ELEMENT hashASDFAS (#PCDATA) >
<!ELEMENT ASFhashAS (#PCDATA) >
<!ELEMENT A-SF-D (#PCDATA) >
<!ELEMENT INC@OME ( BONUS* ) >
<!ELEMENT BONUS (#PCDATA) >
```

