

XML SCRIPT



```
<XST>
# $.Z0 := "1." #
# $.dZ := "0.1." #
# $.ncopy := "3" #
<_ for from="$.Z0" to="$.Z0 + $.ncopy * $.dZ0">
  <posZ Z="$.Z0 + $.index * $.dZ0"/>
</_ for>
</XST>
```

xtract



```
<posZ Z="1.0"/>
<posZ Z="1.1"/>
<posZ Z="1.2"/>
```

```
<XST>
<_ eval>
  SCT{layer\ring.z lt 5.0}
</_ eval>
</XST>
```

xtract



```
<SCT>
<layer>
<ring z="4.0"/>
</layer>
</SCT>
```

- * all standard controls, functions
- * files inclusion
- * nested access to attributes
- * arrays
- * system calls
- * ...

<http://www.xmlscript.org>

XML Misc
J.Hivnas, Nov99

XML NAMESPACE

```
<AGDD xmlns:SCT="http://atlasinfo.cern.ch/DB/XML/NameSpaces/SCT"
      xmlns:Pixel="http://atlasinfo.cern.ch/DB/XML/NameSpace/Pixel">
  <Pixel:cylinder rho="4.0" />
  <SCT:cylinder rho="40.0" />
</AGDD>
```

- * nested
- * for elements and attributes
- * default namespaces
- * W3C Recommendation

<http://www.w3c.org/TR/1999/REC-xml-names/>

XML DATATYPES

```
<datatype name="z-length">  
  <baseType name="real"/>  
  <maxAbsoluteValue>5.00</maxAbsoluteValue>  
</datatype>
```

- * atomic aggregates not yet defined
- * W3C Working Draft

<http://www.w3c.org/TR/1999/WD-xmlschema-2/>