Inhaltsverzeichnis

Auslesen der Component- Koordinaten aus einem CAD File

Diese XSLT- Script transformiert Namen und 3D Koordinaten aus dem CAD File in ein JSON- Format :

CatiaXMLExtract.xslt

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<xsl:stylesheet version="1.0"
xmlns:my="http://www.mentor.com/harness/Schema/bridgesharness"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform" >
<xsl:template match="/">
cnum_coords = {
<xsl:apply-templates
select="/my:harnessdesign/my:wiringconnectivity/my:connector" />
}</xsl:template>


<xsl:template
match="/my:harnessdesign/my:wiringconnectivity/my:connector">
<xsl:for-each select=".">
    "<xsl:value-of select="./@displayName"/>" :
            <xsl:apply-templates
select="/my:harnessdesign/my:harness/my:node">
                <xsl:with-param name="msgcode"><xsl:value-of
select="./@nodeid"/></xsl:with-param >
            </xsl:apply-templates>
    </xsl:for-each>
</xsl:template>



<xsl:template match="/my:harnessdesign/my:harness/my:node">
<xsl:param name="msgcode"/>
<xsl:for-each select=".">
<xsl:if test="@id = $msgcode">
    {
        "node" : "<xsl:value-of select="$msgcode"/>",
        "pos" : <xsl:apply-templates select="my:Position"/>
    }
        </xsl:if>
    </xsl:for-each>
</xsl:template>

<xsl:template match="my:Position">
        {
        "x" : <xsl:value-of select="@x"/> ,
        "y" : <xsl:value-of select="@y"/> ,
```

```
        "z" : <xsl:value-of select="@z"/>
        }
</xsl:template>

<xsl:template match="text()|@*">
</xsl:template>

</xsl:stylesheet>
```