1. **<xsl:template match**=*"fsm:FSM"***>**
2. cFSM fsm;
3. enum {
4. INIT = 0,
5. **<xsl:for-each select**=*"state[@xmi:type='fsm:SteadyState']"***>**
6. **<xsl:value-of select**=*"@name"***/>** = FSM\_Steady(**<xsl:value-of select**=*"position()"***/>**),
7. **</xsl:for-each>**
8. **<xsl:for-each select**=*"state[@xmi:type='fsm:TransientState']"***>**
9. **<xsl:value-of select**=*"@name"***/>** = FSM\_Transient(**<xsl:value-of select**=*"position()"***/>**),
10. **</xsl:for-each>**
11. };
12. </xsl:template>