EOFM to SAL Translation

1. If one is not installed, install the java runtime environment (http://www.java.com/)

2. Create a valid EOFM file in conformance with the EOFM relax ng schema ("EOFM.rng" or "OFMr7.rng", they are the same file) and an XML editor (save it as a .xml file)

3. Run "EOFMwErrorGeneration.jar"

4. At the first prompt, locate and select the EOFM xml file that was previously slected

5. At the second prompt, indicate the name of the SAL file you want to create

6. At the third prompt, indicate how many erroneous phenotypes of human action to include in your analysis (select 0 to not include any)

7. At the fourth prompt, indicate how many attentional slips to include in your analysis (select 0 to not include any)

8. Note that the translator will create two files: the specified sal file, and a similarly named XML file (filename_out.xml). This XML is used in EOFM visualization (covered in a different set of instructions).

9. The created .sal file will contain the translated version of the EOFM file in one module named after the human operator described in the EOFM file. A skeleton of another model (the name of the human operator with the word "interface" appended). Additional formal modeling code can be added to this module to create a more robust system model.

10. The model can be checked using SAL. Open cygwin (or your linux console) and type in "sal-smc salfilename"