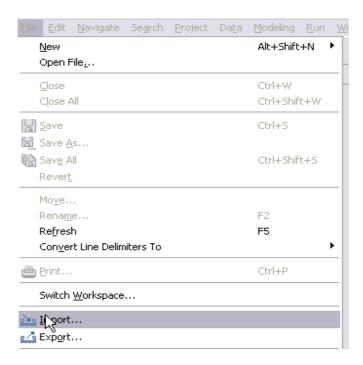
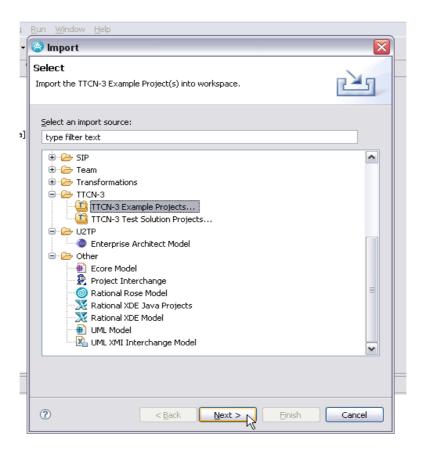
## RSA / TTmodeler User's Guide for SimplePing Example

This guide was originally written for an earlier TTmodeler example (SimpleATM). The text has been updated, but the screenshots still refer to above mentioned example. Pleas replace 'SimpleATM' with 'SimplePing' in the screenshots.

- Open RSA and select a new workspace.
- Click on File->Import.



• In the Import-Wizard, select 'TTCN-3 Examples Projects' and click on 'Next'.



• Then in the next page select the 'SimplePing' example and click on 'Next'.

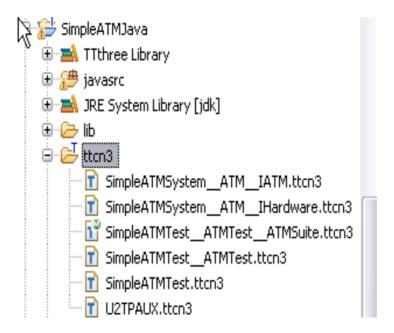


• Click on 'Finish' . Two projects will be created in the workspace:

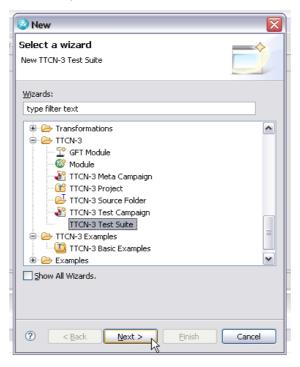
'SimplePingTTCN3' for the transformation, and 'SimplePingUML' for the RSA model. The 'SimplePing.emx' file in the project 'SimplePingUML' represents the proprietary RSA model. It has already been exported to a UML2 model, which is stored in the 'UML' directory in the SimplePingTTCN3' project.



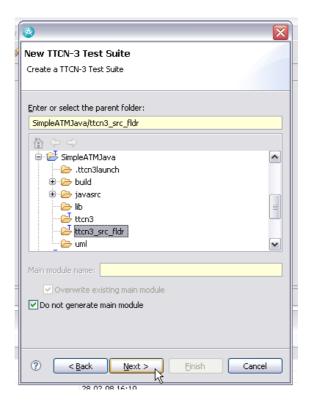
• In the' SimplePingTTCN3' project, delete the contents of the 'ttcn-3' folder (if there is contents). If no such folder is present, create one.



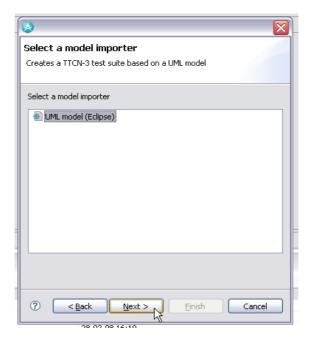
• Select the 'ttcn3' folder, right-click 'New' → 'Other' and select 'TTCN3 Test Suite from UML/UTP Model', then click on 'Next'.



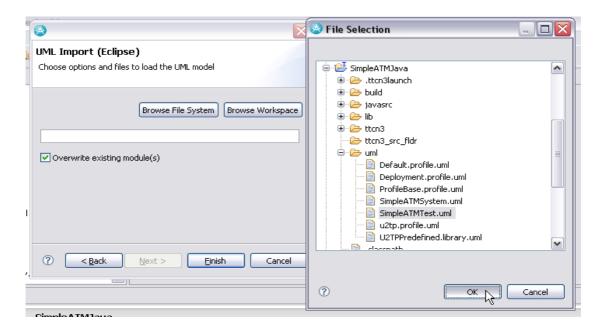
• Select 'Do not generate main module' and click on 'Next'.



• Select 'UML model (Eclipse)' and click on 'Next'.



• Click on 'Browse Workspace' and select the 'SimplePing.uml' file from the 'SimplePingTTCN3/UML' dir and click on 'OK'.



• Select 'Overwrite existing modules' if necessary and then click on 'Finish'.



Open the files found in the 'ttcn3' folder. The file named
 'SimplePing\_root\_TestSuite.ttcn3' contains the main test suite code. Don't
 worry about the numerous error markers: Right click in the editor window
 and select 'Validate'. After that, no error marker should remain.

```
🖹 🔄 🔻 🗀 🗈 SimpleATMTest_ATMTest_ATMSuite.ttcn3 🛭
ሴ Project Explorer 🛭
 🖨 🔂 SimpleATMJava
                                          1 module SimpleATMTest_ATMTest_ATMSuite {
   🗓 🚵 TTthree Library
                                            2 import from SimpleATMSystem_ATM_IHardware all;
   ⊕ 🎏 javasrc
                                                import from SimpleATMSystem ATM IATM all;
   ⊕ 📥 JRE System Library [jdk]
                                           4 import from SimpleATMTest_ATMTest all;
   🗓 🗁 lib
                                                import from U2TPAUX all;
   6 type port TSI SimpleATMSystem ATM Bank atmPort procedure(
       SimpleATMSystem_ATM_IATM.ttcn3
                                                 in display_;
        SimpleATMSystem__ATM__IHardware.ttcn3
                                           8
                                                  out isPinCorrect
       SimpleATMTest_ATMTest_ATMSuite.ttcn3
                                           9
        SimpleATMTest_ATMTest.ttcn3
                                           100 type component TSI_SimpleATMSystem_ATM_Bank_atm{

    SimpleATMTest.ttcn3

                                           11
                                                  port TSI__SimpleATMSystem__ATM__Bank__atmPort atmPort
       - 👔 U2TPAUX.ttcn3
                                           12
   😑 🗁 uml
        🗎 Default.profile.uml
                                           140 type component TSI_MAIN extends TSI_SimpleATMSystem_ATM_Bank_atm(
        Deployment,profile.uml
                                           15
        ProfileBase.profile.uml
                                           16
        SimpleATMSystem.uml
                                           179 function CONFIG (in TSI MAIN tsi , inout HWEmulator hwe) (
        SimpleATMTest.uml
                                           18
                                                  hwe := HWEmulator.create;
        u2tp.profile.uml
                                           19
                                                   map (tsi__:atmPort, hwe:hwCom);
        U2TPPredefined.library.uml
                                           20
     🖳 build.xml
                                         219 function invalidPIN hwe () runs on HWEmulator(
```