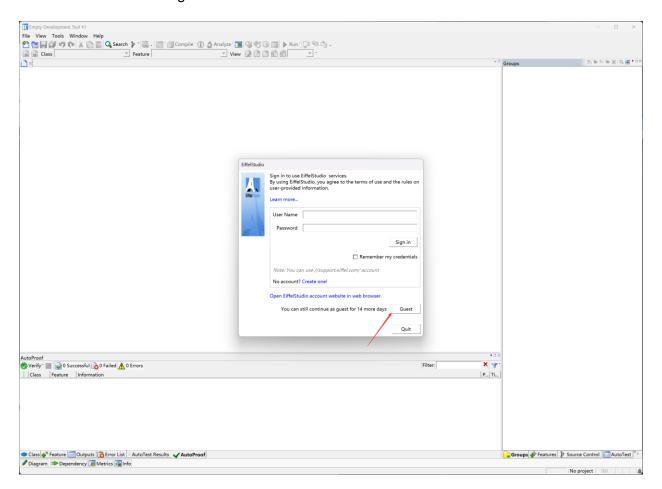
Example: Use Proof2Test for ACCOUNT example

1. Install EiffelStudio with AutoProof via https://github.com/huangl223/ES-AP-Installation

Follow the guidance in ../ES-AP-Installation/Install AutoProof on Windows.pdf

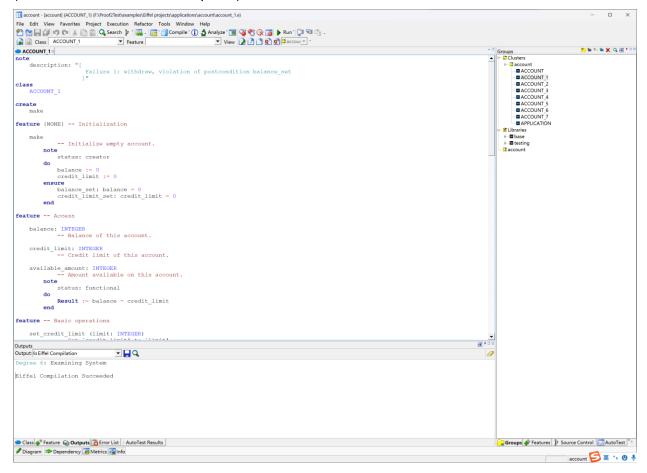
2. Launch EiffelStudio log in as Guest.



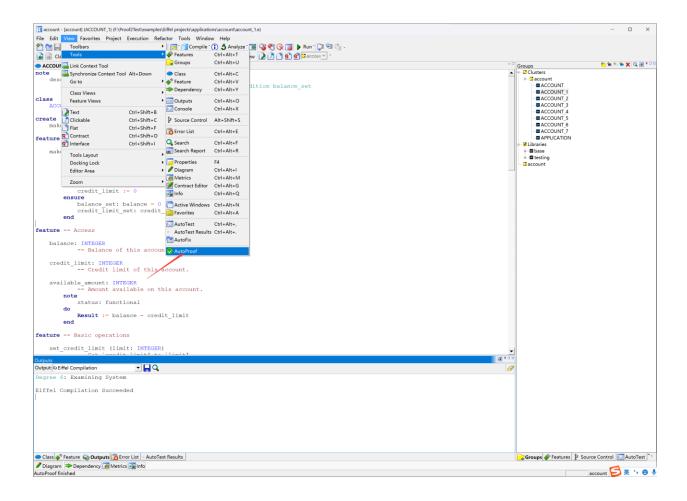
2. Open and compile the project

..\Proof2Test\examples\Eiffel projects\applications\account

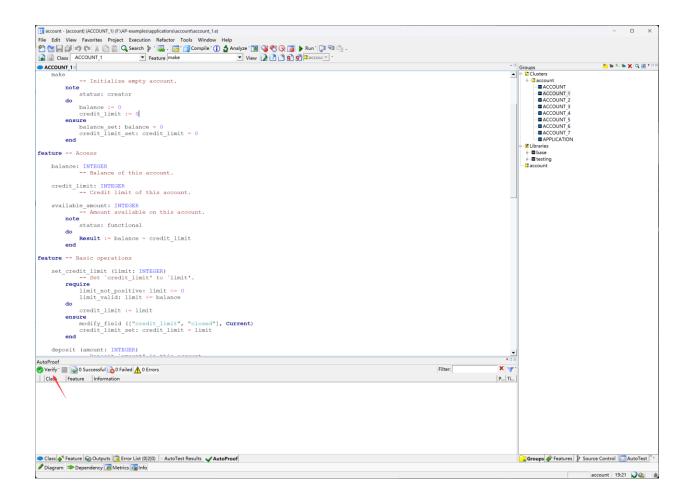
(select the account.ecf and open it)

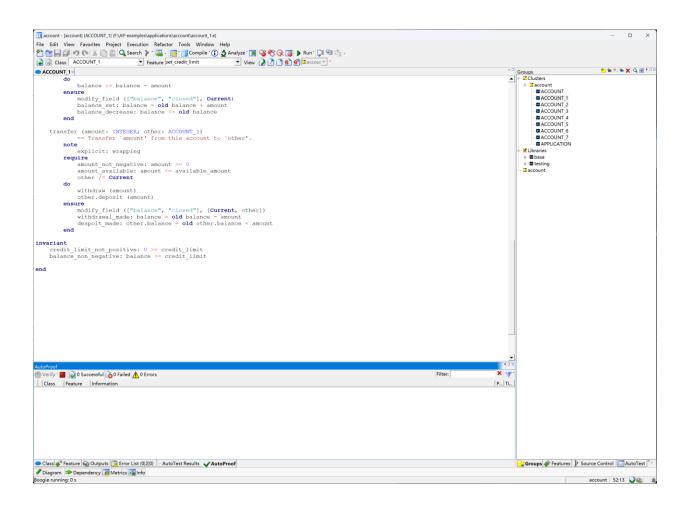


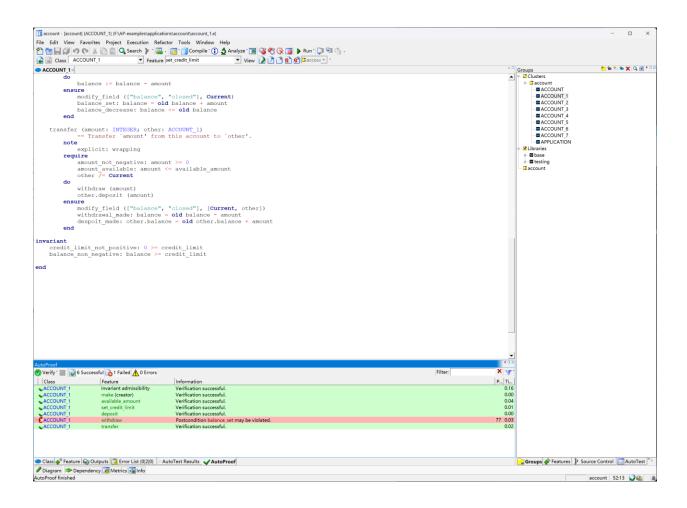
3. Launch AutoProof tool panel via: View | Tools | AutoProof



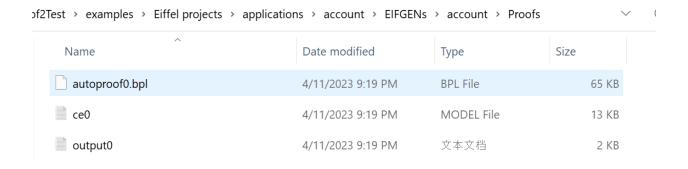
4. Select ACCOUNT_1 class in the Group panel (righthand side); click Verify button in the AutoProof panel to start the verification.







- 7. Add the directory of proof2test.exe to the values of the environment variable **PATH**..\Proof2Test\executable
- 8. Go to the folder (where the .bpl and .model files locate)
 - .. Proof2Test\examples\Eiffel projects\applications\account\EIFGENs\account\Proofs

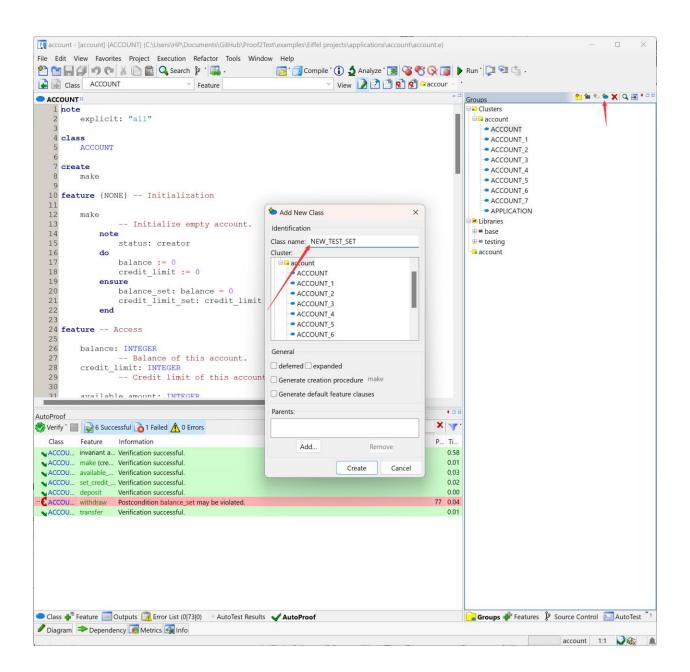


9. Use Command Line interface and use the following Proof2Test command to generate test

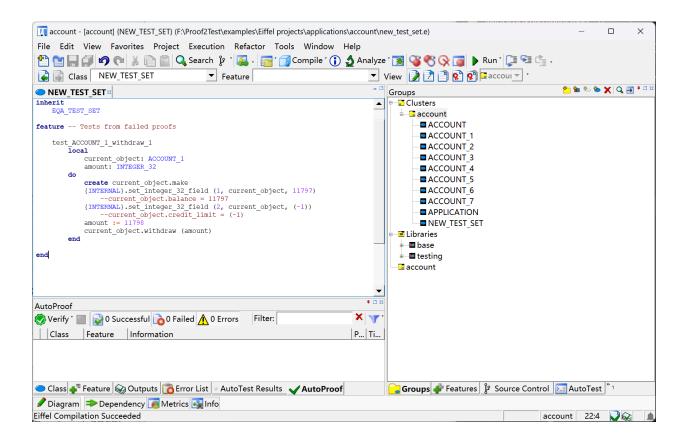
proof2test -b autoproof0.bpl -m ce0.model

```
F:\Proof2Test\examples\Eiffel projects\applications\account\EIFGENs\account\Proofs>proof2test -b autoproof0.bpl -m ce0.model Warning could not open Eiffel update file D
From directory F:\Proof2Test\examples\Eiffel projects\applications\account\EIFGENs\account\Proofs
Error 2: No such file or directory
Output test file: new_test_set.e
F:\Proof2Test\examples\Eiffel projects\applications\account\EIFGENs\account\Proofs>
```

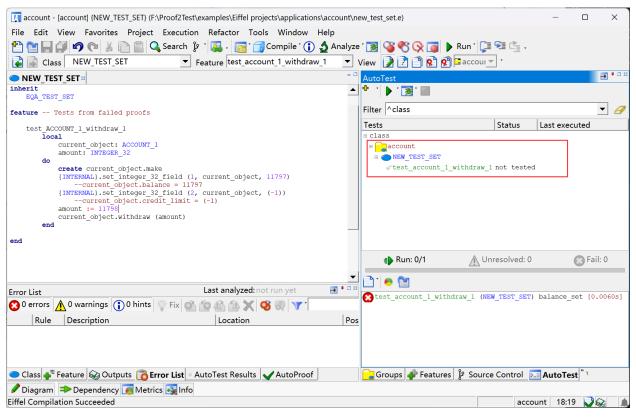
10. Go back to the EiffelStudio IDE, go to the Group Panel, create a class named NEW_TEST_SET, under the account cluster.



11. Copy-paste the content of the new_test_set.e into the class; and compile the project.



12. After compilation finishes, go to the AutoTest panel (the last tab in the righthand side); and you will see the test case is listed in the panel.



13. At this point, you can click the Run button to run the test case; or click the Debug button to switch to the debug mode and inspect the program behaviors step by step.

