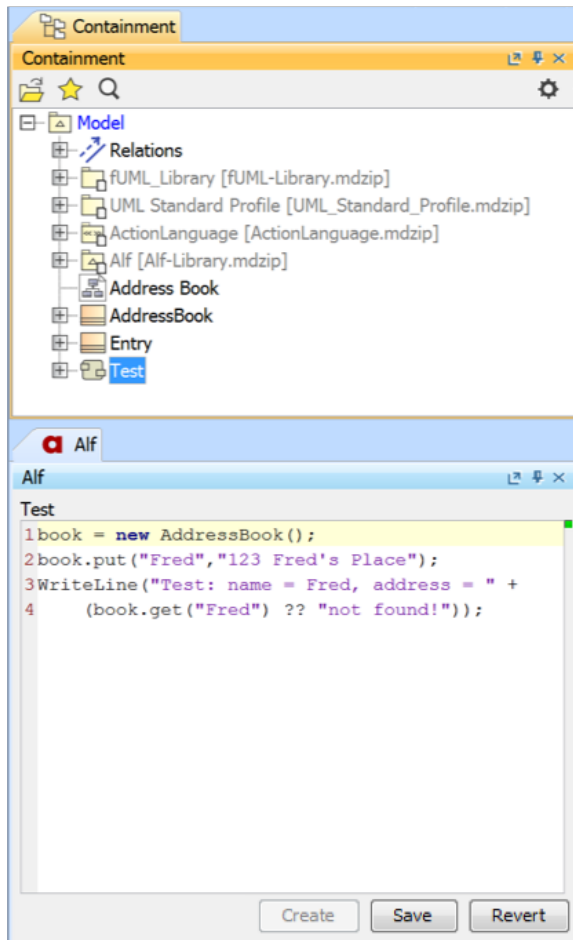


Testing the AddressBook

To test the *AddressBook* Class, we will create a simple *Test* Activity that puts an entry into an *AddressBook* and then gets it back again.

To create a *Test* Activity

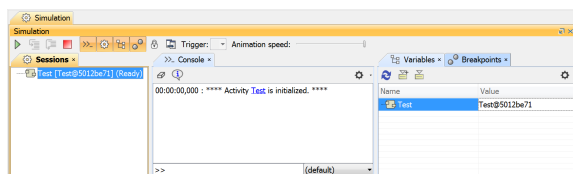
1. Right click on the root *Model* in the Model Browser, select **Create Element**, and then select Activity.
2. Enter *Test* as the name of the Activity.
3. Click on *Test*, and open the [Alf editor](#) window (select **Windows > Alf**), if it isn't already open.
4. Type the Alf code shown in the figure below.



5. When the text is correct, click **Save**.

To run the *Test*

1. Right click on *Test* in the Model Browser, and select **Simulation > Run**.



Related pages

- [The Alf editor](#)
- [Running a model with Alf](#)

-
- The screenshot shows the Visual Studio Code interface with the 'Simulation' window open. The 'Console' tab is selected, showing the following output:
- ```

00:00:00,000 - **** Activity Test is initialized. ****
00:00:00,000 - **** Activity Test is started ****
Test: name = Fred, address = 123 Fred's Place
00:00:00,733 - **** Activity Test execution is terminated. ****

```
- The 'Variables' and 'Breakpoints' tabs are also visible in the top right corner of the 'Simulation' window.