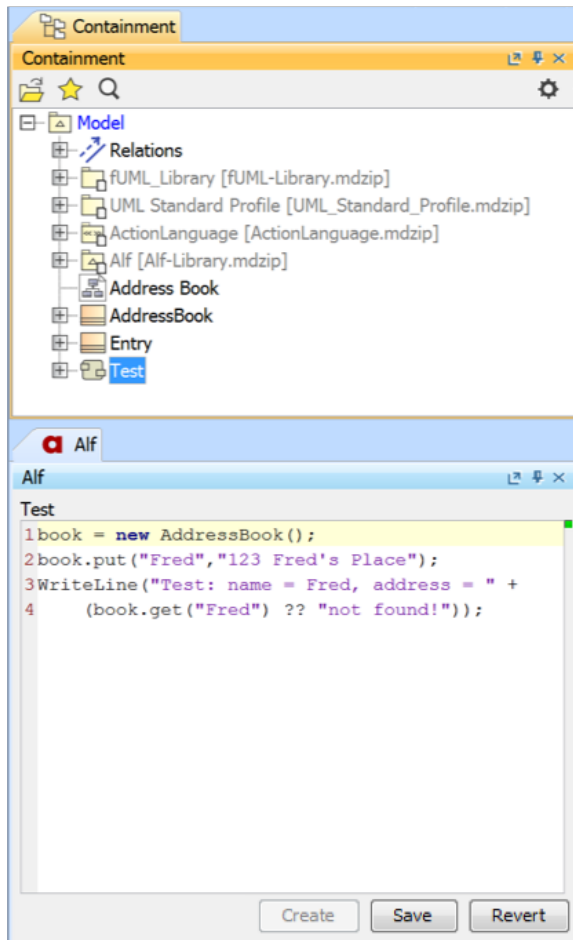


Testing the AddressBook

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

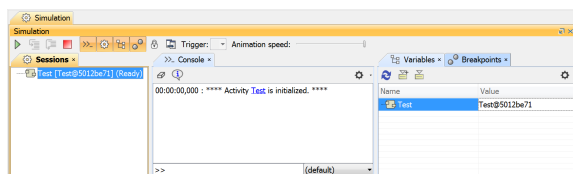
1. Right click on the root *Model* in the Model Browser, select **Create Element**, and then select Activity.
2. Enter *Test* as the name of the Activity.
3. Click on *Test*, and open the [Alf editor](#) window (select **Windows > Alf**), if it isn't already open.
4. Type the Alf code shown in the figure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

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- The screenshot shows the Visual Studio Code interface with the following components:
- Simulation Menu:** Located at the top left, it includes options for Simulation, Sessions, and a dropdown menu.
 - Sessions Panel:** Located on the left side, it shows a list of sessions.
 - Console Window:** The central area displays the output of the program:


```
00:00:00,000: ***** Activity Test is initialized. *****
00:00:00,000: ***** Activity Test is started! *****
Test: name = Fred, address = 123 Main Place
00:00:00,733: ***** Activity Test execution is terminated. *****
```
 - Variables/Breakpoints Panel:** Located on the right side, it shows a table with columns for Name and Value.

Name	Value