Examining Suspended Program

When a breakpoint is hit, or a program execution is manually suspended, you can examine your application by analyzing frames.
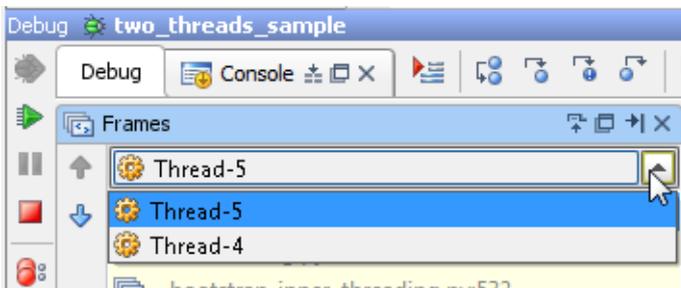
A *frame* corresponds to an active method or function call. A frame stores the local variables of the called method or function, the arguments to it, and the code context that enables expression evaluation.

All currently active frames are displayed on the **Frames** pane of the Debug tool window, where you can switch between them and analyze the information stored therein.
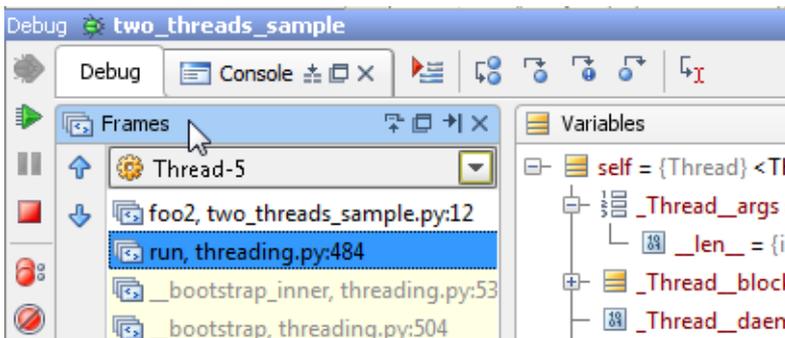
In this part:

To examine frames of a suspended thread

1. Select a thread from the thread selector drop-down list on top of the **Frames** pane. The list of frames is displayed:

2. Select a frame from the **Frames** list. The **Variables** pane shows all the variables available to the method call in this frame, so you can further explore them:

To navigate between frames

- Use up and down arrow buttons on the toolbar.
- Use `Up` and `Down` shortcuts.

> You do not need to perform any actions to navigate to the frame's source code. IntelliJ IDEA automatically jumps to the source code of the selected frame in the editor.

Exporting threads

If you need to get a report on the status of all the threads, you can export threads information.

To export threads

1. Right-click anywhere in the **Frames** tab and select **Export Threads** from the context menu, or select **Run | Export Threads** from the main menu.

2. To save a report as a text file, specify the path to the file in the **Export Threads** dialog and click **Save**.

3. To copy it to the Clipboard, click **Copy**.

See Also

Procedures:

- Debugging
- Pausing and Resuming the Debugger Session
- Exploring Frames

Reference:

- Debug Tool Window

Web Resources:

- Developer Community