

## How to Increase the Stack Memory Size in Eclipse

If you are using Eclipse for Java programming, there are two ways to set an increased stack memory size by passing '-Xss256M' (or any other size you want) argument to Java. One is to set it at the time of starting Eclipse, and the other is to set it after starting Eclipse.

### 1. [When starting Eclipse]

You can start Eclipse with an increased stack memory size. For that you need to start Eclipse from console or command prompt.

Steps:

- 1) Open your command prompt or console.
- 2) Change the directory to where Eclipse is installed. You should be able to see eclipse or eclipse.exe file.
- 3) Run the following command to start Eclipse with the stack size 256MB.  
eclipse -vmargs -Xss256M

Here is a link that may be helpful.

[https://wiki.eclipse.org/FAQ\\_How\\_do\\_I\\_increase\\_the\\_heap\\_size\\_available\\_to\\_Eclipse%3F](https://wiki.eclipse.org/FAQ_How_do_I_increase_the_heap_size_available_to_Eclipse%3F)

### 2. [After starting Eclipse]

You can set the stack memory size after starting Eclipse.

Steps:

- 1) From Run Menu, select 'Run Configurations', or right-click in your editor and select 'Run As', 'Run Configurations'.
- 2) In the left pane of the dialog box, select your Java application.
- 3) List of tabs appears. Select 'Argument's tab.
- 4) In the VM arguments text box, type or input the following arguments.  
-Xss256m
- 5) Click Apply and then Run.

**Acknowledgment:** Prajwal Shreshta, CS graduate student and teaching assistant, University of Vermont.