

Servlet :- Servlet is java program that runs on server (tomcat) and handle web request (from browser) and send response.

- Servlet falls under JEE module(java enterprise edition).

- Why we need Servlet ?
→ Browser (Chrome can't run java directly)

So.

Browser → tomcat → Servlet(java program) → tomcat
→ Browser

- This is the flow of servlet.

Servlet has special method that Tomcat automatically calls.

- > init();

Servlet Life Cycle –

- 1] Loading and initialization
- 2] Request Handling
- 3] Destroy

1] Loading and initialization :- When server (tomcat) starts or servlet is called first time

Then tomcat create object only once

Calls to - init() method.

2] Request Handling :- Every time user send the request (browser hit)

Then tomcat calls to doGet() or doPost() method.

3] Destroy :- When Server Stop.

Then tomcat calls to destroy() method.

Diagram :-

