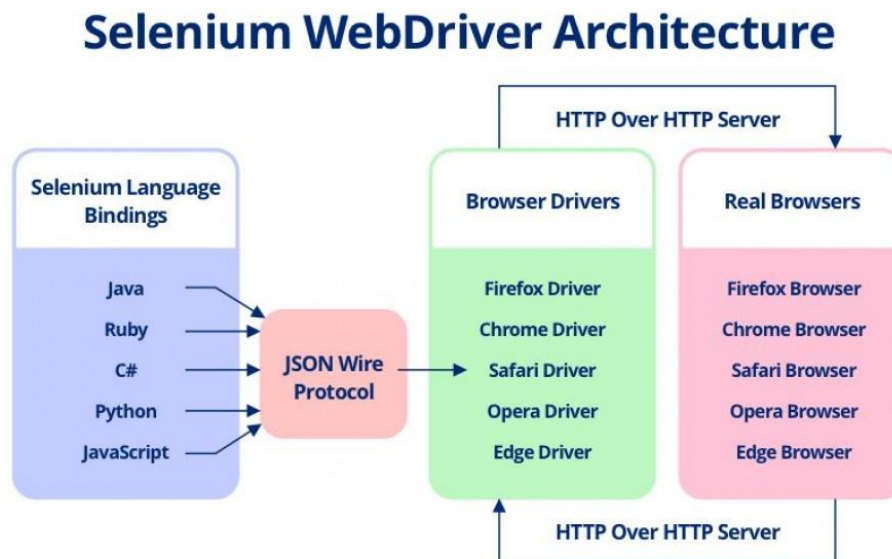***Functional Test with Selenium:**

Functional Test:

This is a type of software testing that validates the software system against the functional requirements/specifications. The purpose of Functional tests is to test each function of the software application, by providing appropriate input, verifying the output against the Functional requirements.

Architecture View:

Collaboration between Django and Selenium:

In Django there is a classes named as **StaticLiveUrlTest** and **LiveUrlTest**. These classes inherited the unittest general class structure and produce a functional test effect on top of it.

Usage advantages:

- Indirect testing on database which is not common in pure selenium.
- Testing on both local and public server, **response times are decreasing** especially in local server. Pure selenium does not allow testing on local servers.
- Database related test can be done with directly pseudo copy database itself.

Used Driver:

- ChromeDriver **88.0.4324.96**