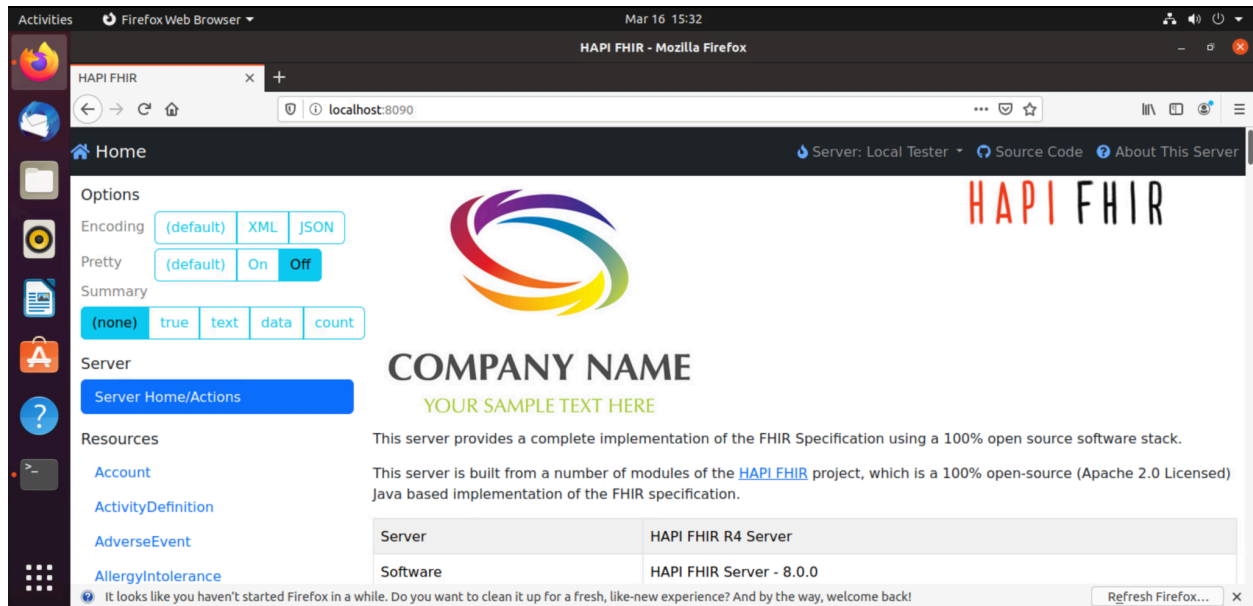


1. Screenshot of HAPI-FHIR Server's Default Web UI:



2. Command to check the total, used, and free memory in system:

```
free -h
```

```
test@sat3210-virtual-machine:~/Desktop/fhirConfig$ free -h
              total        used        free      shared  buff/cache   available
Mem:           3.8Gi        1.5Gi        1.0Gi         55Mi        1.4Gi        2.1Gi
Swap:          2.0Gi        7.0Mi        2.0Gi
```

3. Command to check if the port used by the HAPI-FHIR server is open:

Saying the port that would be used by the HAPI-FHIR server is 3306, the following command can be used to check if the command is open. If a success message is returned, then the port is open.

```
nc -zv localhost 3306
```

```
test@sat3210-virtual-machine:~/Desktop/fhirConfig$ nc -zv localhost 3306
Connection to localhost 3306 port [tcp/mysql] succeeded!
```

4. Command to check if the default (8080) port is currently in use:

The same command as the previous question can be used to check if a port is closed. Saying the port that would be used by the HAPI-FHIR server is 8080. If an error or failure message is returned, then the port is closed or currently in use.

```
nc -zv localhost 8080
```

```
test@sat3210-virtual-machine:~/Desktop/fhirConfig$ nc -zv localhost 8080
nc: connect to localhost port 8080 (tcp) failed: Connection refused
```