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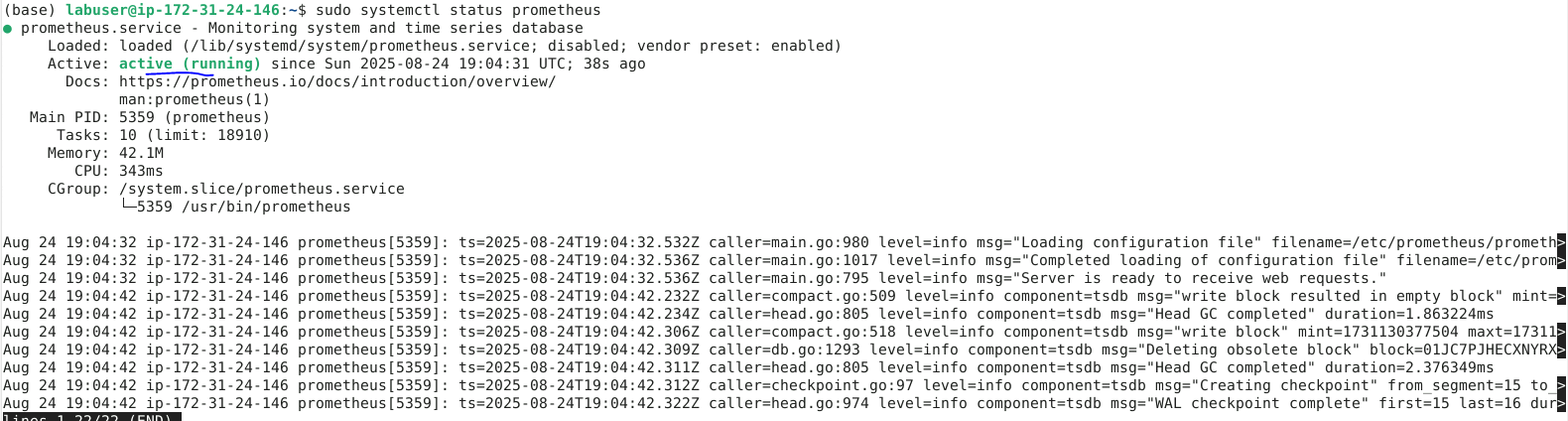
# Installing Prometheus

cd prometheus

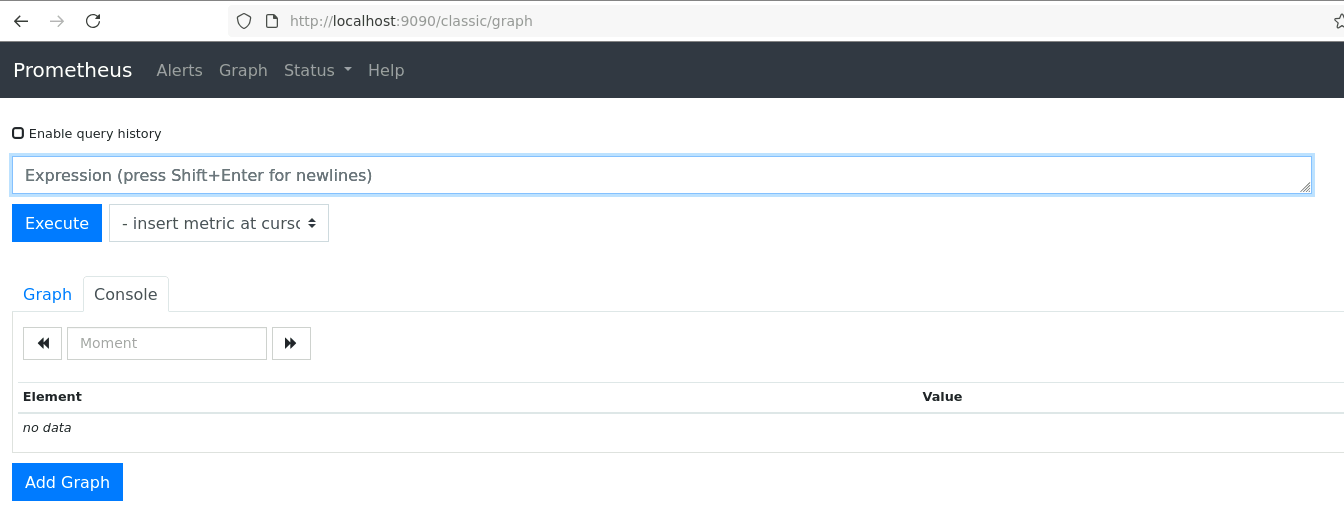
sudo ./prometheus --config.file=prometheus.yml

sudo systemctl start prometheus – starts the Prometheus

Checking the status of Prometheus



On navigating to <http://localhost:9090/classic/graph> able to see prometheus

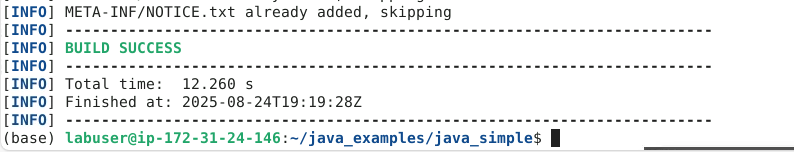


# Configure Java Application

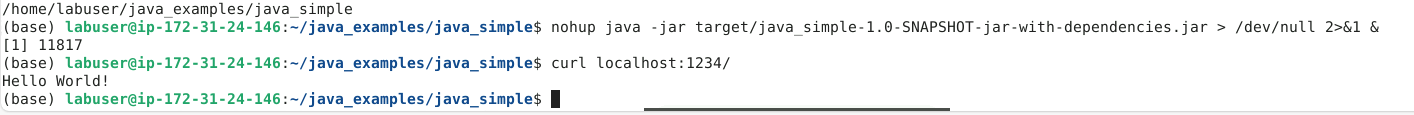
Cloning Java Application



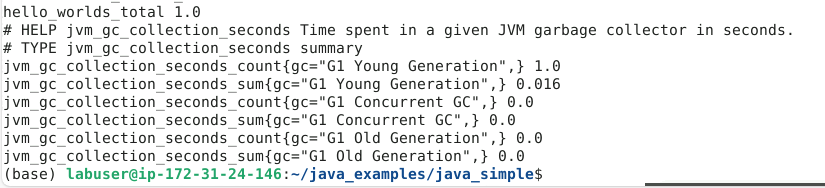
Once navigating into /home/labuser/java\_examples/java\_simple and running mvn package able to see build success



When performing curl command,

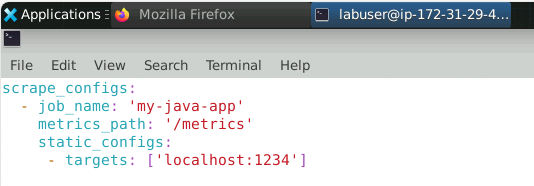


On Executing **curl localhost:1234/metrics**



# Configure in Prometheus

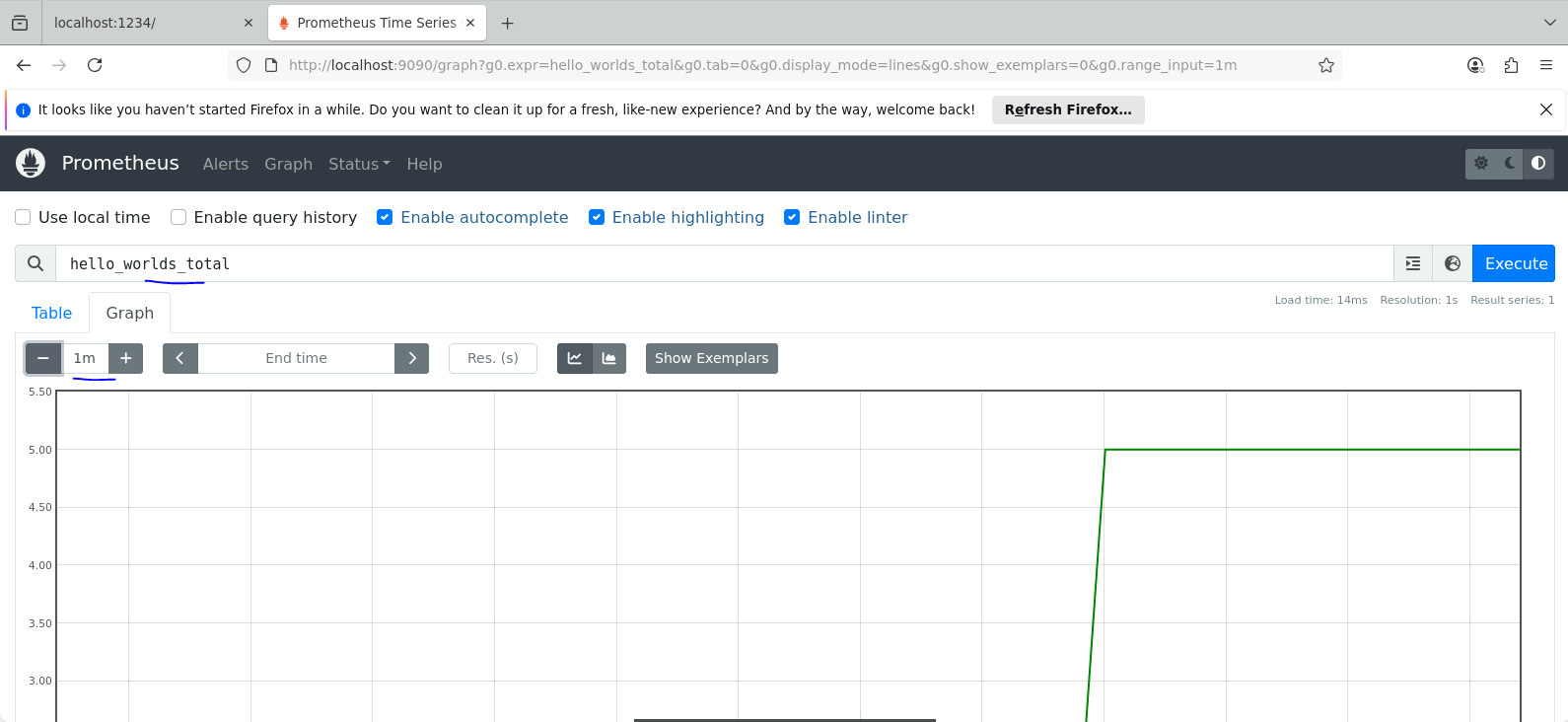
Navigate to prometheus-2.54.0.linux-arm64 and sudo vi java-metrics.yaml and added the following and save the file



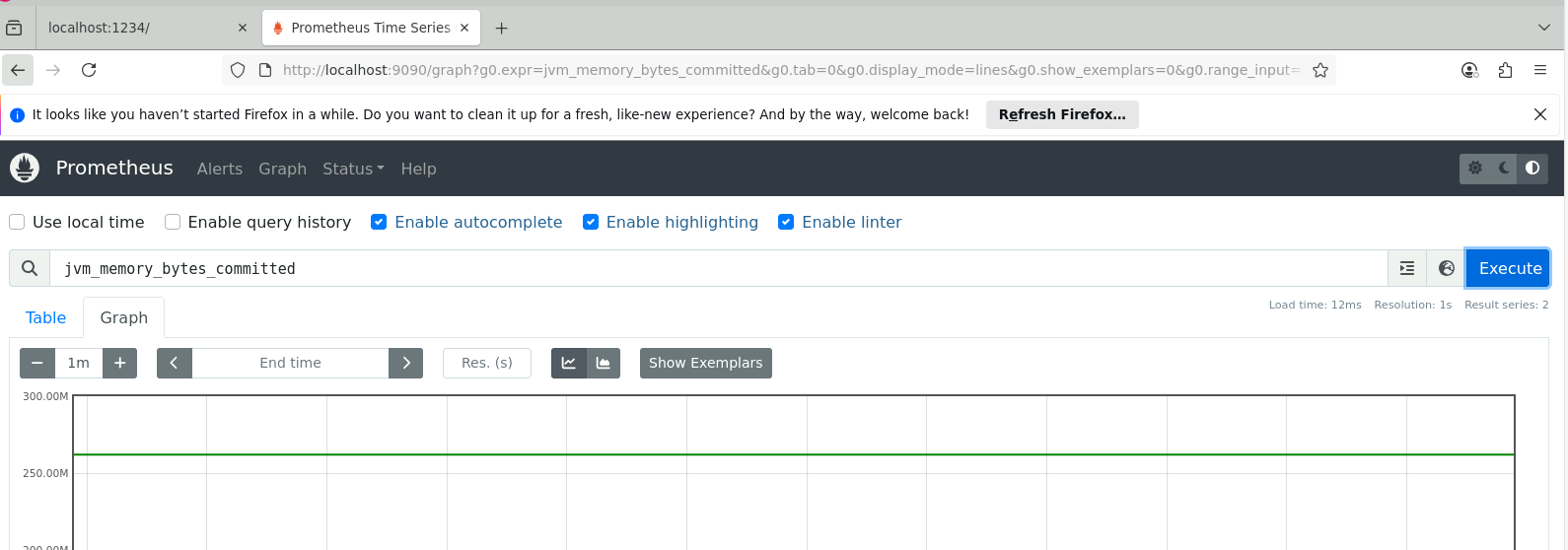
Started Prometheus

**sudo ./prometheus --config.file=java-metrics.yaml**

Navigating to localhost:8080 multiple time and keeping the graph as 1m, able to see the spike

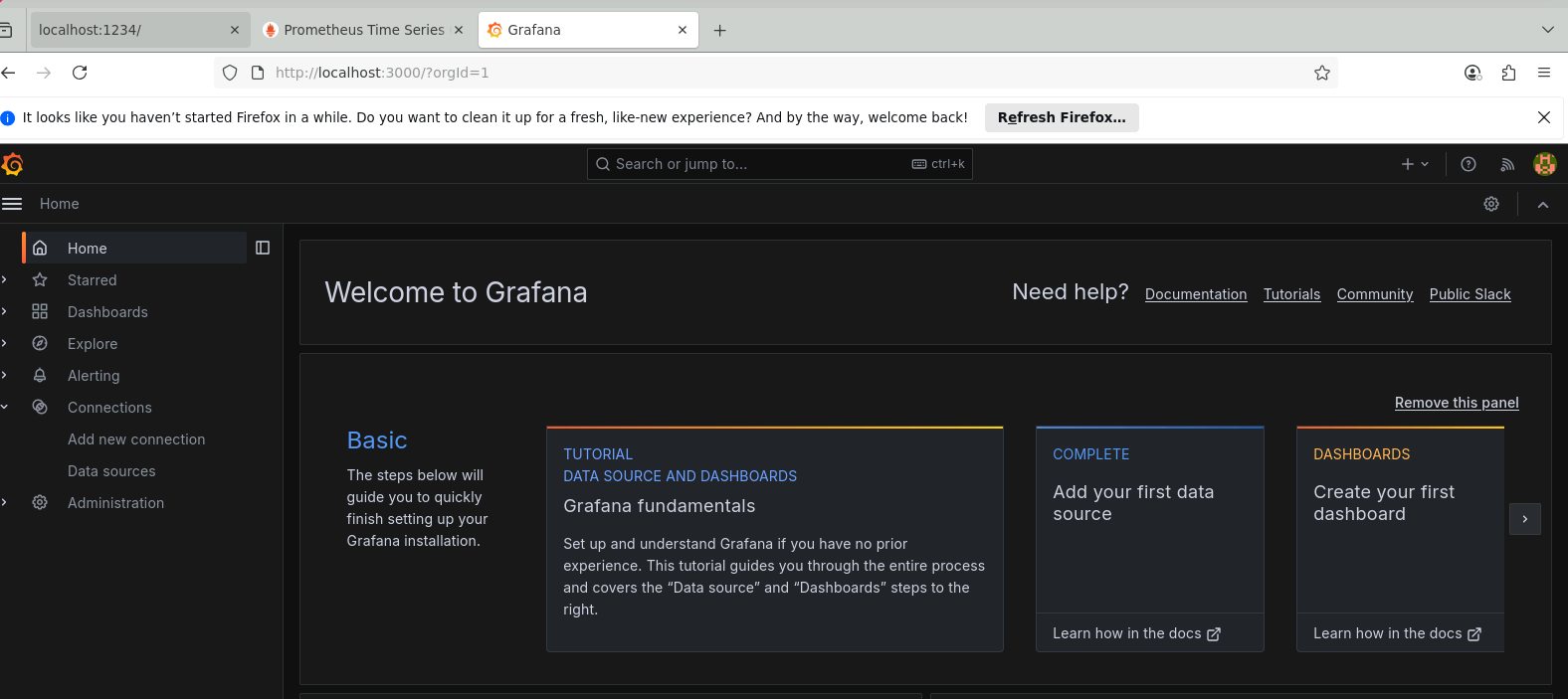


jvm\_memory\_bytes\_committed shows above 250MB

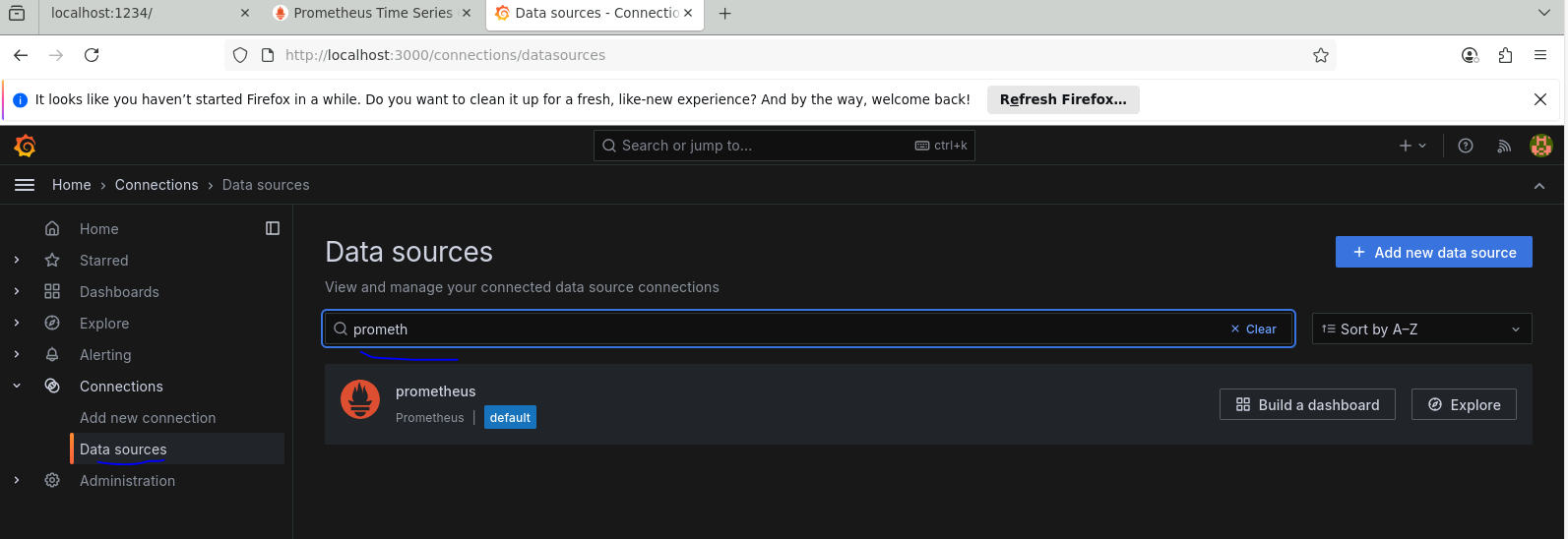


# Setup in Grafana

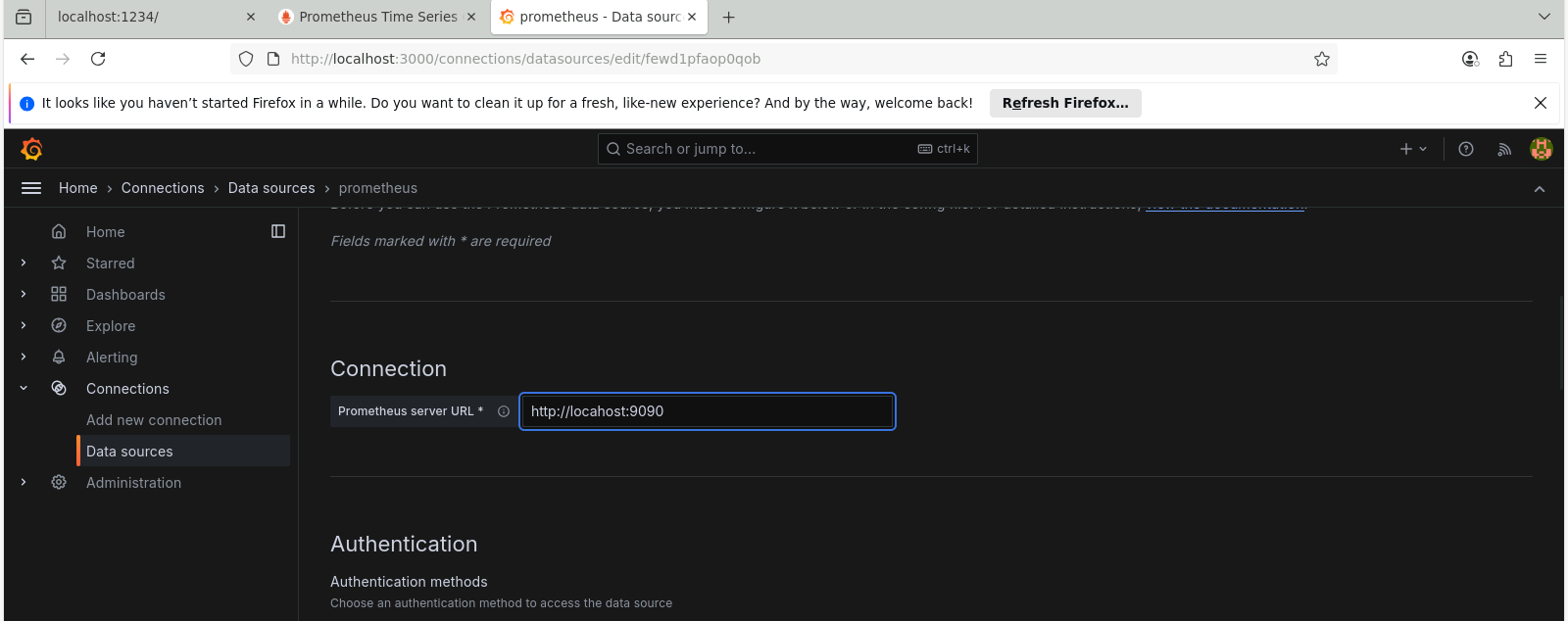
Navigate to localhost:3000



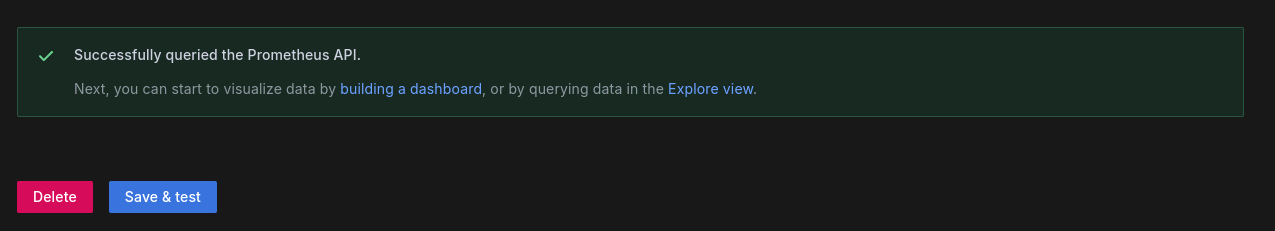
Click on to Datasources and select Prometheus



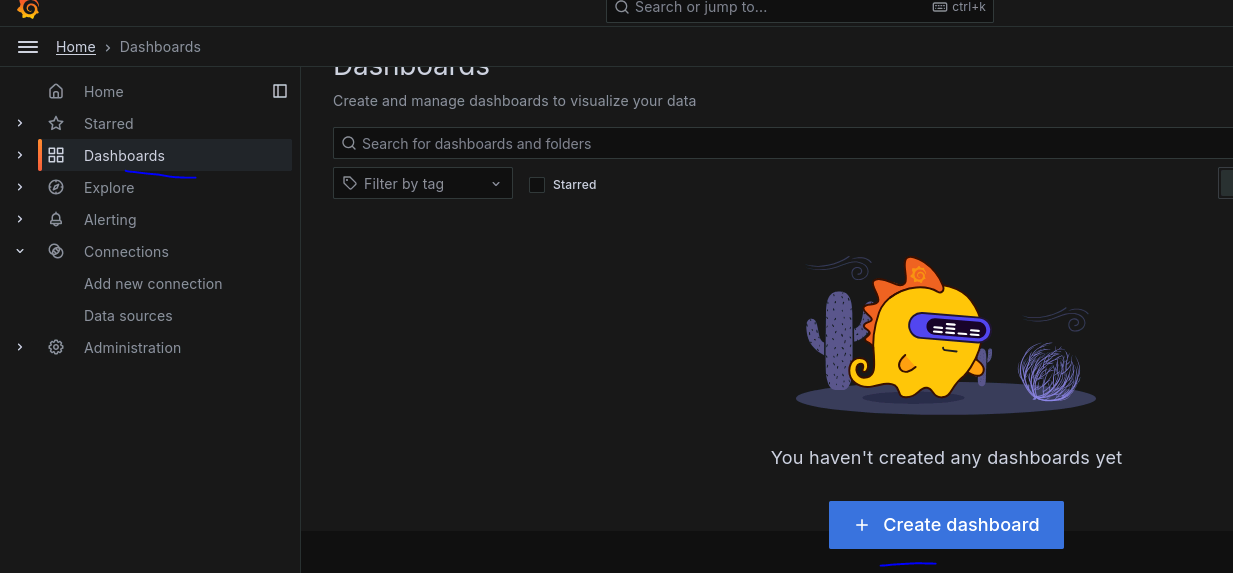
Enter Prometheus server url



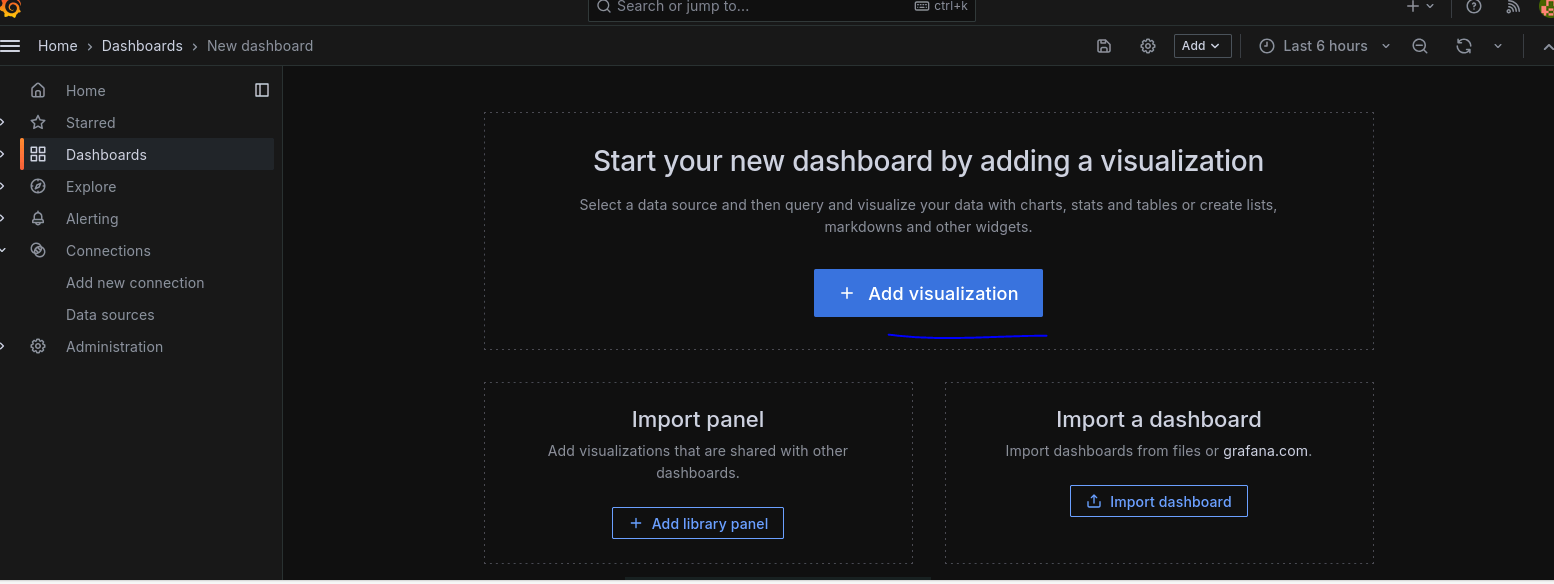
While save and test



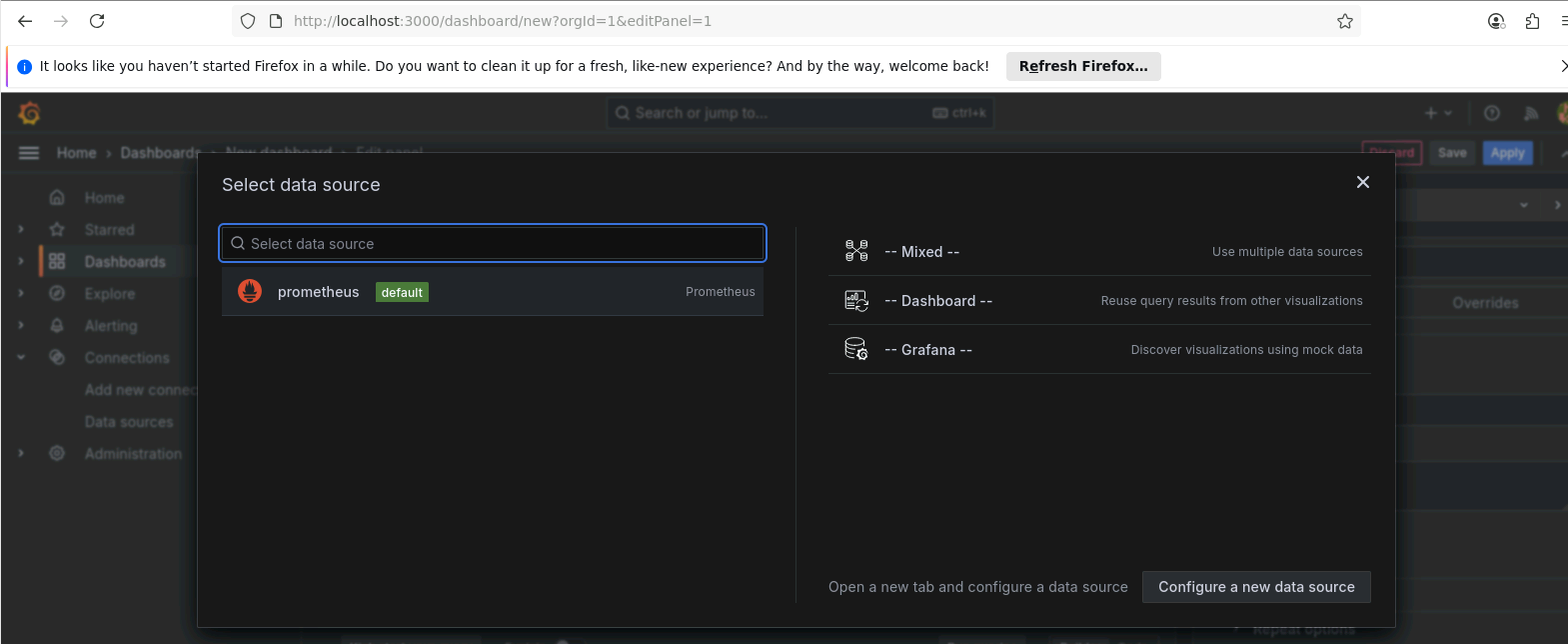
Creating a new dashboard



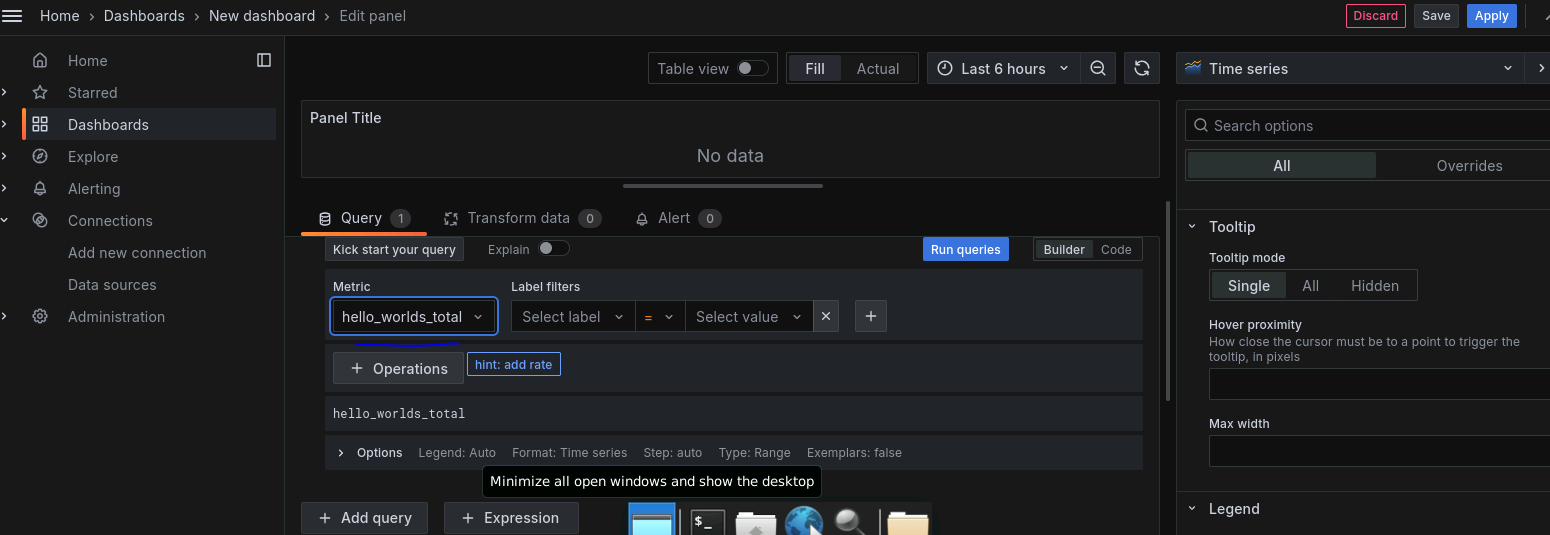
Click Add Visualization



Select Prometheus data source



In the metric, select hello\_worlds\_total



On selecting past 5 min, shows java application

