# GraphDB Repository and User Setup

* Download and install GraphDB desktop application

🡪 Go to [link](https://www.ontotext.com/products/graphdb/graphdb-free/)

🡪 Fill out the form and request GraphDB Free

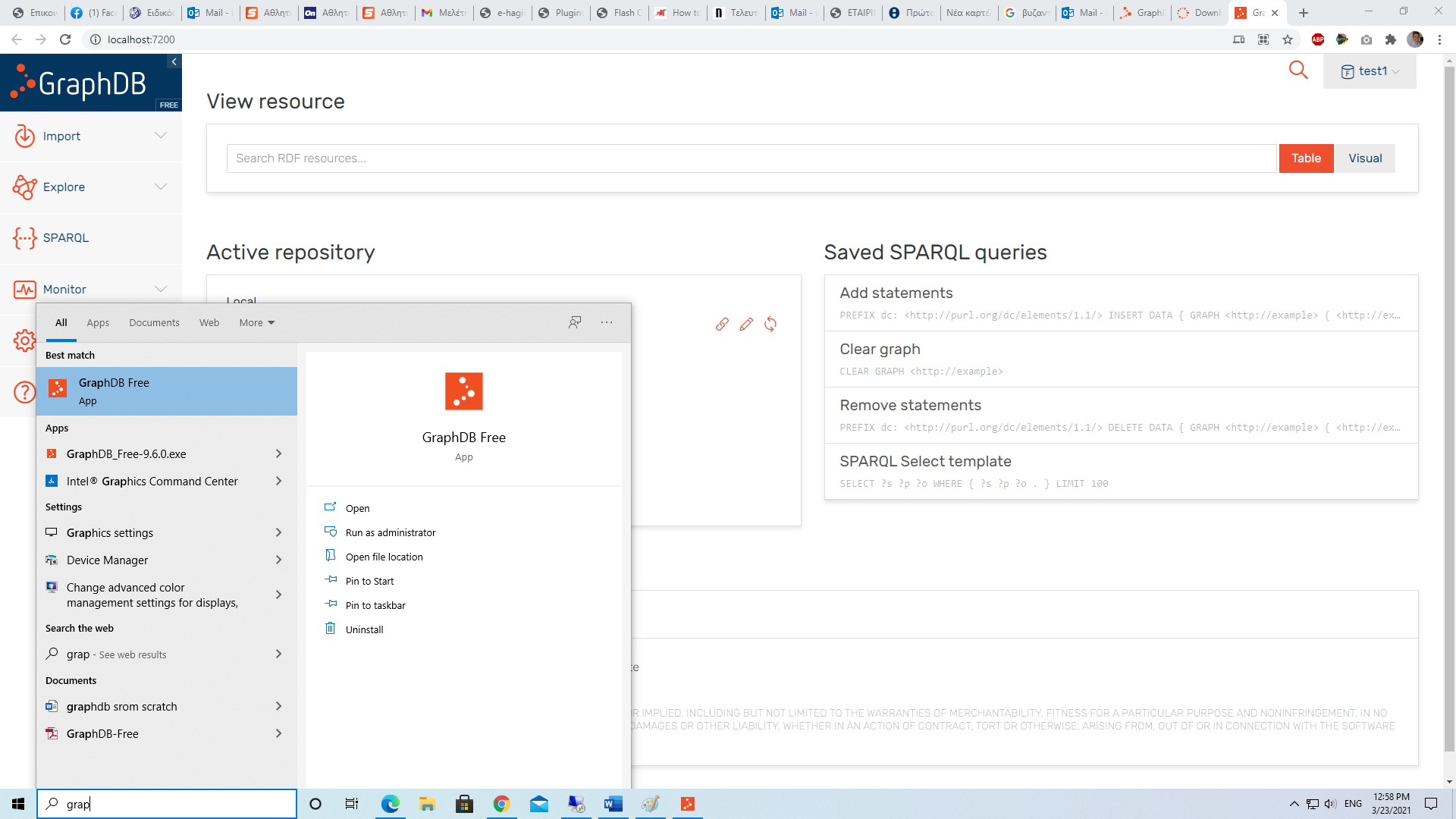
Graphical user interface, text

Description automatically generated

🡪Download the installation file that was sent to you via email

🡪Run desktop installation file

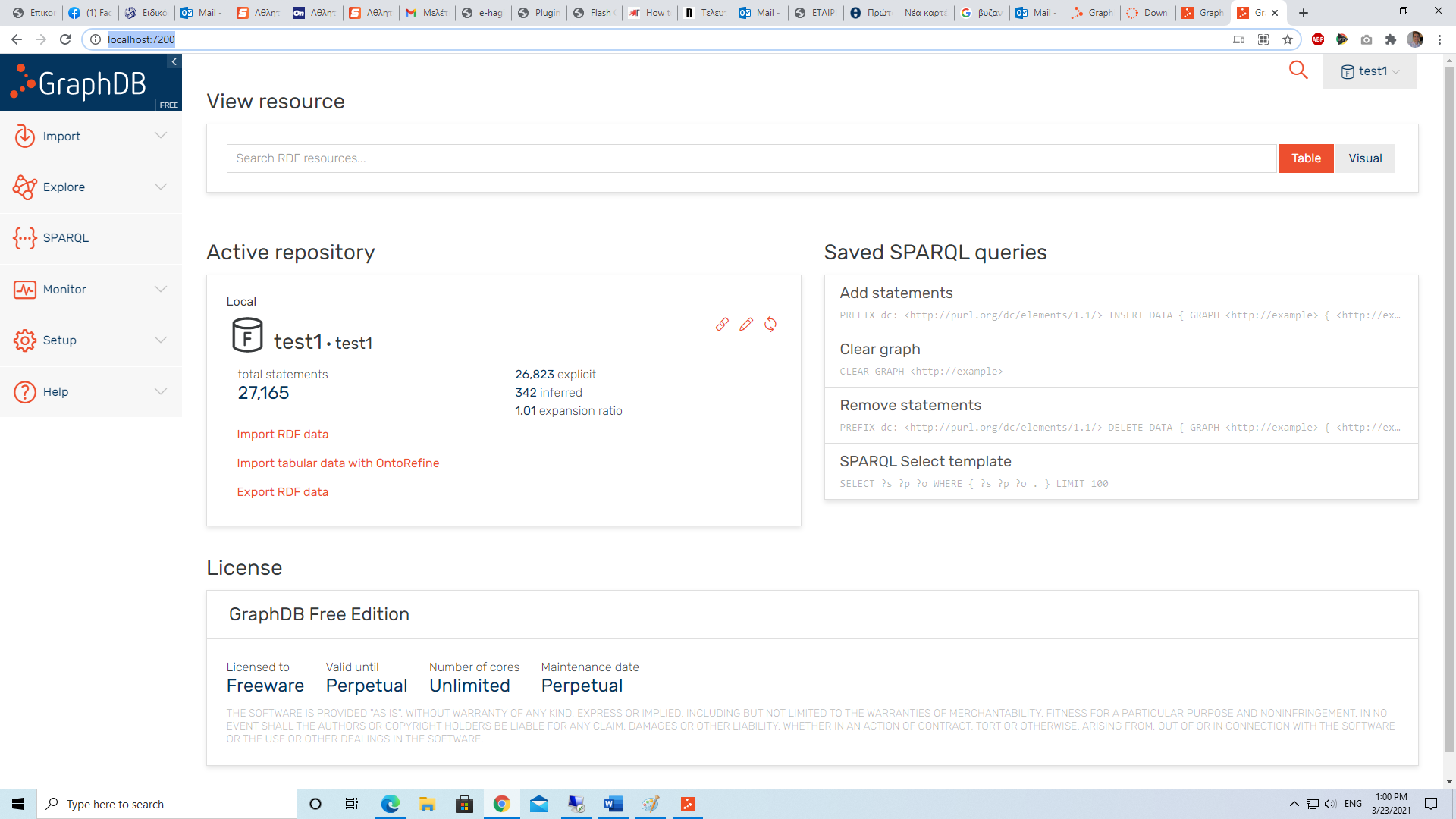
🡪Open the application



Graphical user interface, text, application

Description automatically generated

🡪 “Open GraphDB” or on browser <http://localhost:7200/>



* Create repository

🡪Setup-> Repositories -> Create new

🡪Repository id🡪 test1

🡪Repository description 🡪 test1

🡪Create

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

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Description automatically generated

* Create user for the repository
  + e.g., test\_user, 12345
  + Note: credentials can changes via code (see below)

**Graphical user interface, text, application

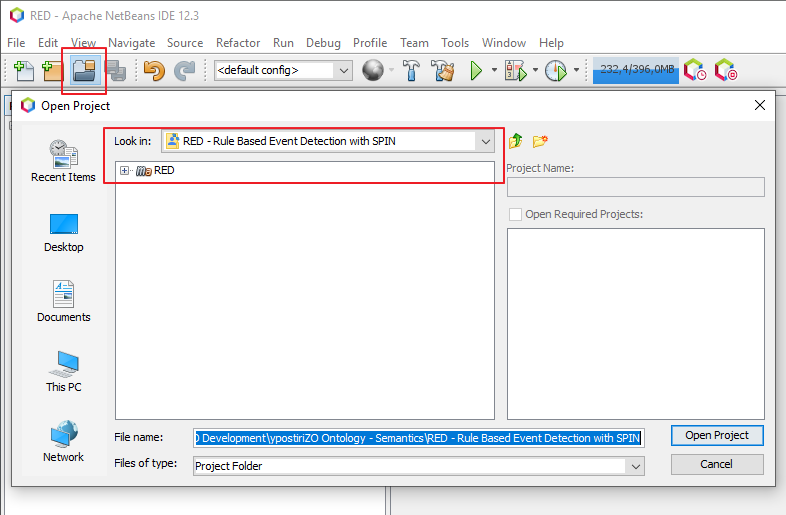
Description automatically generated**

# NetBeans Project Setup and Run

🡪 Download and install Netbeans IDE 12

🡪 Open Existing Project -> go to RED

🡪 Install any plugins asked

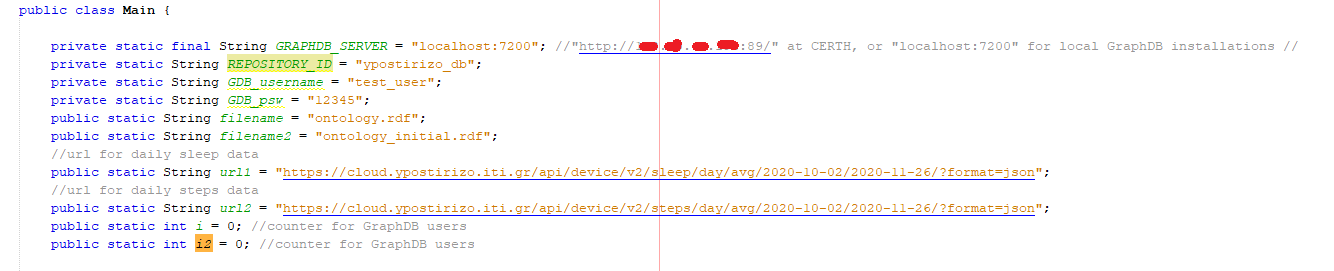


🡪 Build maven project with dependencies or Resolve Project Dependencies

**Graphical user interface, application

Description automatically generated**

* Messaging/RemoteGraphDB/CreateRemoteRepository.java
  + Configure GraphDB IP:port, (localhost or server IP)
  + Configure GraphDB username/password
  + Configure ably username/password



* Note that there is a .ttl configuration file that must match the repository name

**Graphical user interface, text, application, Word

Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

🡪 Run Main.java

**Graphical user interface, text, application

Description automatically generated**

🡪 Build SUCCESS

**Graphical user interface, text, application, email

Description automatically generated**

**Check Data**

* Open graphDB
* Explore
  + Graphcs overview
  + Class hierarchy

**Diagram

Description automatically generatedDiagram, venn diagram

Description automatically generatedGraphical user interface

Description automatically generatedA picture containing graphical user interface

Description automatically generated**

**Table

Description automatically generated with medium confidence**