

Neo4j editions

Edition features: <https://neo4j.com/subscriptions/#editions>

Download from: <https://neo4j.com/download-center>

Community

- Fully Open Source
- Licensed under [GPL v3](#)
- Graph size limited to 34B nodes, 34B relationships, 68B properties
- 1 Graph DB only (plus system DB)
- No role-based security
- Only single property uniqueness constraints (no existence or multi-property constraints)

Neo4j Aura

See: <https://neo4j.com/aura>

- GraphDB as a service - “Neo4j in the cloud”
- Pay per hour (depending on RAM, Storage, CPU)
- Automated backups
- Graph size limited to 34B nodes, 34B relationships, 68B properties

Enterprise

- Annual subscription licensing
- Expensive (see <https://blog.igovsol.com/2018/01/10/Neo4j-Commercial-Prices.html>)
- Free licenses for development, startup, and academic-educational uses
- Unlimited Graph Size
- Unlimited Graph DBs
- Role-based security
- More advanced constraints (property existence, multi-property uniqueness)

Neo4j Desktop

Command bar

Invoke with: ctrl+k or cmd+k

- Start/Stop Graphs
- Show ip address
- Show log file
- Take to manage view

Projects

Each project has its own database, set of applications and plugins

Applications

Additional tools to help with managing your graph database

Plugins

Extensions to Cypher query language - allow additional functions / algorithms for the

Database

Ability to create multiple databases (Enterprise edition)

Neo4j Bloom

<https://neo4j.com/bloom/>

<https://neo4j.com/docs/pdf/bloom-user-guide-1.2.pdf>

“Graph visualisation, exploration and communication tool”

- Easy and non-technical graph search
- Edit properties, relationships, nodes
- Create shareable links for searches
- Near-natural Language search
- Installable on a server
- Installable via Neo4j Desktop
- By default, Bloom perspective data is stored on the Neo4j instance that it's operating on. This is configurable however.

Requires:

- Access to a running instance of Neo4j Enterprise
- Neo4j Desktop (to install the application)
- Bloom license