About the Spoken Tutorial project

- Self explanatory - uses simple language
- Audio-video - uses multisensory approach
- Small duration - has better retention
- Learner-centered - learn at your own pace
- Learning by doing - learn and practice
- Simultaneous empowerment - learn a new FLOSS

Target Audience

- System Administrators
- Programmers
- Software Developers
- Web Developers

The Spoken Tutorial Project Team conducts workshops on RDBMS - PostgreSQL and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

For more details, please write to

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Website: https://spoken-tutorial.org

Spoken Tutorial
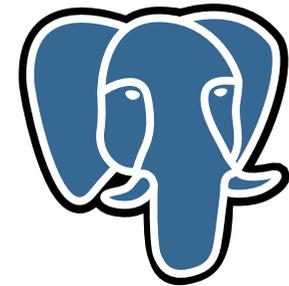
RDBMS - PostgreSQL

Introduction

- PostgreSQL is a powerful, open source relational database system
- PostgreSQL is developed by the PostgreSQL Global Development Group (a worldwide team of volunteers)
- It is open source and its source code is available free of charge

Download and Installation:

Download PostgreSQL from

https://www.postgresql.org/download

Features

- PostgreSQL works on Linux, Windows and Mac operating system
- It is easy to learn for the beginners
- It supports client-server network architecture
- It allows to add custom functions developed using different programming languages such as C/C++, Java, etc.
- In PostgreSQL, we can define our own data types, index types, functional languages
- It is more suited for Data Warehousing and data analysis applications which need fast read-write speeds

- PostgreSQL supports a lot of features of SQL like Complex SQL queries, SQL Sub-selects, Foreign keys, Trigger, Views, Transactions
- PostgreSQL can run dynamic websites and web apps
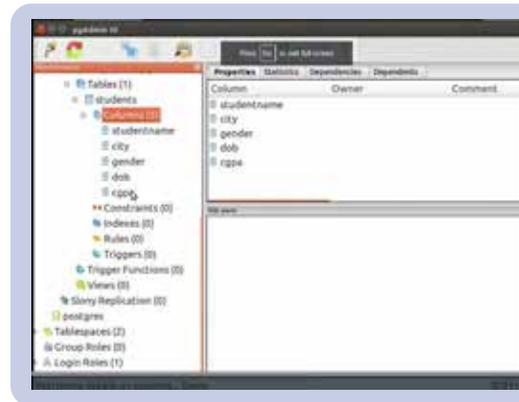
Spoken Tutorials in RDBMS - PostgreSQL Series :

- Overview of RDBMS - PostgreSQL
- Installation of PostgreSQL
- Create a database using PgAdmin
- Table with primary keys
- Select statement
- Select with Aggregate functions
- Foreign key Constraint
- Aggregation facilities in SQL
- Updating Data