**PostgreSQL**

1 - Introdução (todos)

2 - Armazenamento e file structure (Alexandre)

3 - Indexação e hashing (Jessica)

4 - Processamento e otimização de perguntas (Pedro)

**Infos EasyChair**

DBMS/SGBD: PostgreSQL

Title: The Growth of PostgreSQL

Abstract: In the last years, PostgreSQL has assumed a huge importance by being adopted by many companies. In this article we will explain and understand the reasons behind this by covering/exploring how it manages the storage, the indexing and the processing of information, and compare it with the way Oracle handles these topics.

Keywords: PostgreSQL, SQL, relational database, object-relational database, open-source, efficiency, speed

**1 - Introduction**

TODO

* Introduction to the article (*Breve introdução ao artigo*)
* Framing of the work (*Enquadramento do trabalho*)

**1.1 - Structure**

TODO

* Explain the structure of the article (chapters/topics) (*Explicação da estrutura do documento)*

**1.2 - History**

Back in 1986, POSTGRES (which stands for Post Ingres) started being developed by Michael Stonebraker using the ideias of Ingres.

Later, in 1994, Andrew Yu and Jolly Chen added an SQL language interpreter to the project using a different name, Postgres95, and published it as open-source. This version had a lot of improvements, such as:

- The query language PostQUEL was replaced by SQL;

- The interaction interface was renewed by replacing the monitor program by the psql program;

Following all these and more improvements, it was clear that the name Postgres95 would not last long in time, and so it was renamed to PostgreSQL as a way to reflect the new SQL capability of POSTGRES.