Welcome to Hama project

Table of contents

1. Introduction

Hama is a parallel matrix computational package, which provides an library of matrix operations for the large-scale processing development environment and Map/Reduce framework for the large-scale Numerical Analysis and Data Mining, which need the intensive computation power of matrix inversion, e.g. linear regression, PCA, SVM and etc. It will be also useful for many scientific applications, e.g. physics computations, linear algebra, computational fluid dynamics, statistics, graphic rendering and many more. According to Edward J. Yoon, the founder of Hama, the name of this project is from the abbreviation of the Hadoop Matrix. It also means a hippopotamus in Korean, which is a large animal with a barrel-shaped body (Large-Scale) and huge mouth (High-Throughput).

2. Parallelism in Map/Reduce

3. Recent News

*   20 May 2008 - Hama accepted to Apache Incubator Project.
    The Incubator PMC have voted to accept Hama to be a apache incubator project.