

# Welcome to Hama project

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## 1. Recent News

- Sep 30, 2010 - [Hama peper](#) has accepted at [IEEE CloudCom 2010 Workshop](#)
- Jul 15, 2010 - We got rid of dependencies of MapReduce and HBase [[Read more](#)]
- Apr 30, 2010 - We're introduced in the [BSP Worldwide](#).
- December 11, 2009 - We made the BSP (Bulk Synchronous Parallel) package [[pdf](#)]
- August 18, 2008 - Source code is now available in the [Apache SVN repository](#).
- May 20, 2008 - The Incubator PMC have voted to accept Hama to be a apache incubator project.

## 2. Overview

**Hama** Apache Hama is a distributed computing framework based on BSP (Bulk Synchronous Parallel) computing techniques for massive scientific computations (e.g., matrix, graph, network, ..., etc), currently being incubated as one of the incubator project by the Apache Software Foundation.

## 3. Getting Started

Start by installing Hama on a Hadoop cluster.

- [Learn about](#) Hama by reading the documentation.

## 4. Getting Involved

Hama is an open source volunteer project under the Apache Software Foundation. We encourage you to learn about the project and contribute your expertise. Here are some starter links:

- See our [How to Contribute to Hama](#) page
- [Jira usage guidelines](#)