

FrontPage

Hama is a distributed computing framework based on BSP (Bulk Synchronous Parallel) computing techniques for massive scientific computations (e.g., matrix, graph, network, ..., etc).

General Information

- [Hama Official Website](#)
- [Hama Official Blog](#)
- [Presentations](#) and [Articles](#) about Hama and BSP
- [PoweredBy](#), a list of sites and applications powered by Hama
- [Hama Architecture](#)
 - [Input Partitioning](#)
 - [Graph Module](#)
- [BSP Programming Model](#)
- [Performance Benchmarks](#)

User Documentation

- [Getting Started with Hama](#)
 - [CompatibilityTable](#)
 - [Configuration Properties](#)
- [Getting Started with Hama on Mesos](#)
- [Getting Started with Hama on YARN](#)
- [Running Hama over InfiniBand](#)
- [Hama Pipes \(Native C/C++ BSP Bridge\)](#)
- [Build Dynamic Graphs on Hama](#)
- [Hama Aggregators](#)
- [Command Line Interfaces](#) for Hama shell script.
- [How to debug your own Applications](#)
- [Configuring third party JAR with native library](#)
- [FAQ list](#)
- [Hama Streaming](#)
- [Examples](#)
 - [Serialize Printing Of "Hello BSP"](#)
 - [BSP based Pi Estimator](#)
 - [Single Source Shortest Paths](#)
 - [Pagerank](#)
 - [SemiClustering](#)
 - [KMeans Clustering](#)
- [Advanced Documentation](#)
 - [Synchronization Service](#)
 - [Messaging Service](#)
 - [Develop your own BSP](#)

Developer Documentation

- [Guide for Hama Contributors](#)
 - [How To Become A Committer](#)
- [Guide for Hama Committers](#)
- [Guide for Hama PMC memers](#)
- [Roadmap](#), listing release plans
- [Building, Testing, CI](#)
- [How to release](#)
- [Developer FAQ](#)
- [Hama Streaming Protocol](#)
- [Guidelines](#) provides information that developers can follow.

Machine Learning

- [Supervised](#)
- [Semi-Supervised Learning](#)
- [Unsupervised](#)

New Sub-project Proposals

- [Guidelines for Sub-project Proposal](#)