

PageRank

This document assume that you have already installed Hama cluster and you have tested it using some examples.

PageRank

- Uses the [PageRank](#) algorithm described in the Google Pregel paper
- Introduces partitioning and collective communication

Run [PageRank](#) on Hama Cluster

First of all, generate a symmetric adjacency matrix using the gen command.

```
% bin/hama jar hama-examples-0.x.0.jar gen fastgen -v 100 -e 10 -o randomgraph -t 2
```

This will create a graph with 100 nodes and 1K edges and store 2 partitions on HDFS as the sequence file. You can adjust partition and tasks numbers to fit your cluster. Then, run [PageRank](#) using:

```
% bin/hama jar hama-examples-0.x.0.jar pagerank -i randomgraph -o pagerankresult -t 4
```