

# High Availability (HA) Setup

Ambience is fully HA compliant. All jobs can run on any node of the cluster and all data are replicated across the cluster.

In case of a node failure, jobs on the failed node are automatically run on other nodes.

When the failed node recovers, it automatically joins the cluster again.

The attached document demonstrates the following points (applicable to version 4.x and above):

- Configuring the Cluster
  - Installing Ambience on the Three Nodes
  - Configuring the File Server for the Dacapo Data Folder
- Testing the Cluster
- Load balancing Ambience Web Servers
  - Configuring HAProxy
    - Installation
    - Configuring HAProxy

For further information and explanations, see: <http://docs.elixirtech.com/Ambience/4.0.0/Install/html-multi/ch06.html>