# UsefulTools

## Useful User Contributed Tools

- zkconf - generate configuration for a ZooKeeper ensemble
- zk-smoketest - smoketest or latencytest a ZooKeeper ensemble (uses zkpython)
- zookeeper_dashboard - web dashboard for ZooKeeper ensemble (uses zkpython & django)
- zktop - monitor ZooKeeper in realtime
- zkexamples - phunt's "random examples of useful bits of ZooKeeper ephemera"
- SPM for ZooKeeper - Performance Monitoring and Alerting for ZooKeeper

## Wrappers around the ZooKeeper Client API

- curator - Components:
  - Client - A replacement for the bundled ZooKeeper class that takes care of some low-level housekeeping and provides some useful utilities
  - Framework - The Curator Framework is a high-level API that greatly simplifies using ZooKeeper. It adds many features that build on ZooKeeper and handles the complexity of managing connections to the ZooKeeper cluster and retrying operations.
  - Recipes - Implementations of some of the common ZooKeeper "recipes". The implementations are built on top of the Curator Framework
  - Utilities - Various utilities that are useful when using ZooKeeper.
- Cages - distributed synchronization library
- ZKClient
- KeptCollections