

Deploying DuraCloud

The DuraCloud system is composed of multiple parts, which tend to fall into one of three categories:

DuraCloud

- The primary software applications with which DuraCloud users interact
- Includes the DuraStore (storage API) and DurAdmin (administrative UI) web applications
- Find out more about deploying DuraCloud for [development here](#) and for [production here](#).

Management Console

- Used to manage accounts, users, and groups
- This software is primarily used by those managing the DuraCloud system, but also used by account administrators to manage account details, administer users, and define groups
- All users create and manage their personal profile via the Management Console, which includes password changes and email address updates
- Find out more about [deploying the Management Console here](#)

Mill

- Task processing system which runs in the background (i.e. not seen by users, no UI) to handle duplication, bit integrity, storage reporting, audit and manifest processing, and other batch jobs.
- Includes a series of task producers (roughly one per task type) and a work manager, which handles the processing of tasks
- Makes heavy use of AWS SQS (Simple Queue Service) to queue and process tasks
- Find out more about [deploying the Mill here](#)