Fugue Cheat Sheet

Setup

Fugue only requires a few things to get started:

1. Visit the Download Portal to get the Fugue Client Tools
2. Configure your AWS credentials
3. Initialize a project with `fugue init` or with environment variables
4. Issue a `fugue install`

For a more detailed walkthrough check out the Fugue Quick Setup. Wait, what if I already have AWS resources? It's ok, we built something for that.

Creating Compositions

Here are some high level basics for compositions:

- Compositions are also known as Ludwig files and are denoted by the composition keyword. Read a bit about how they work.
- Only a composition can be run by the `fugue run` command.
- Imports allow you to import specific modules from the Fugue Standard Library, e.g. `import Fugue.AWS.EC2 as EC2.`
- Compositions include bindings, which are like variables that follow the form of `name: value.`

To learn more check out Writing Compositions or Advanced Ludwig.

Using Fugue

The following commands can easily get you started:

- `fugue run` - Launch a process
- `fugue update` - Update the process
- `fugue status` - Check the status of a process or processes
- `fugue kill` - Kill the process

Check out the CLI Reference to see all of the available commands.

Verify Before You Deploy

These functions enable you to evaluate configurations before they're implemented:

- Use the `--dry-run` flag to see a preview of how AWS will provision your infrastructure with `run, update, resume, or kill.`
- Check out Design-Time Validations by running either `lwc` (with an imported validation module), or `lwc --validation-modules` (without an imported validation module).

Configuring Users

In Fugue, the `credentials` file is created during the install process and contains the user credentials necessary to operate Fugue.

The fugue `policy` command and subcommands allow you to manage RBAC (role based access control) for Fugue.

- `fugue policy generate-secret` - Generate a new secret for a specific user
- `fugue policy rbac-attach` - Attach a policy to the Conductor
- `fugue policy rbac-detach` - Remove the policy from the Conductor
- `fugue policy list-users` - Display a list of all users

To learn more about validations, check out an example.

Other Useful Items

- Review common troubleshooting information or, reach out to support@fugue.co
- Explore some of our Features, or try some one of our Examples
- Visit the Fugue Standard Library Reference