Deis v1 Cheatsheet

A comprehensive cheat sheet for Deis v1, covering essential commands for deploying, configuring, and managing applications.

Application Deployment

Basic Deployment

`deis create <app-name>` - Create a new application.
If app name is not specified, it is generated automatically.

Example:
`deis create my-web-app`

`git push deis master` - Deploy the application using Git.
This command assumes that the `deis` remote is properly configured.

Example:
Add remote:
`git remote add deis deis@<deis-controller>:<app-name>`
Then deploy:
`git push deis master`

`deis open` - Open the application in a web browser.

`deis apps:info` - Retrieve application information.

`deis apps:list` - List all applications.

`deis apps:destroy` - Delete the application.

Dockerfile Deployment

`deis pull <image-name>` - Deploy an application from a Docker image.

Example:
`deis pull redis:latest`

If a `Dockerfile` is present in the root directory, Deis automatically builds the application.

The default process type when using dockerfile is `cmd`.

Check the logs to see the result:
`deis logs`

Configuration Management

Configuration Variables

`deis config:list` - List all configuration variables.

`deis config:set <KEY>=<VALUE>` - Set a configuration variable.

Example:
`deis config:set FOO=bar BAZ=foo`

`deis config:unset <KEY>` - Unset a configuration variable.

Example:
`deis config:unset FOO`

`deis config:pull` - Pull configuration variables to a `.env` file.

`deis config:push` - Push configuration variables from a `.env` file.

`deis env:set <KEY>=<VALUE>` - Set environment variables(deprecated, use config:set instead)

Application Management

Instance Management

`deis logs` - View application logs.

`deis run <command>` - Run a one-off command in the application environment.

Example:
`deis run rake db:migrate`

`deis ps` - List the processes running in the application.

`deis ps:scale <process-type>=<num>` - Scale the number of instances for a process type.

Example:
`deis ps:scale web=2`

`deis restart` - Restart the application.

`deis stop` - Stop the application.

Domain Management

`deis domains:list` - List all custom domains for the application.

`deis domains:add <domain>` - Add a custom domain to the application.

Example:
`deis domains:add www.myapp.com`

`deis domains:remove <domain>` - Remove a custom domain from the application.

Example:
`deis domains:remove www.myapp.com`

Advanced Features

Resource Limits

`deis limits:set <process-type>=<limit>` - Set resource limits for a process type.

Example:
`deis limits:set web=1G`
`deis limits:set web=1024 --cpu`

Valid limit units are `M` (megabytes), `G` (gigabytes) for memory and `--cpu` flag for CPU shares.

`deis limits:list` - List current resource limits.

`deis limits:unset <process-type>` - Unset resource limits for a process type.

Collaboration

`deis perms:create <username>` - Grant permission to another user to manage the application.

Example:
`deis perms:create otheruser`

`deis perms:list` - List all users with permission to manage the application.

`deis perms:delete <username>` - Revoke permission from a user.

SSL Certificates

`deis certs:add <cert-file> <key-file>` - Add an SSL certificate to the application.

Example:
`deis certs:add server.crt server.key`

`deis certs:list` - List SSL certificates.

`deis certs:remove` - Remove SSL certificate.