



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.