

# Quick Trial Mode

This section provides instructions for how to do a quick trial installation of Eggplant DAI. There is no supported upgrade path for quick trial installations as they are only intended for a quick test of the product, and data is not stored persistently.

Before you start, make sure you've read the [Prerequisites](#) section.

## Prepare Helm Configuration

You must use a configuration file to define values for the required settings in the Helm chart.

In a text editor, create a file with the following content, replacing each `<placeholder>` with the appropriate value. In these instructions, the sample file is named as `dai.yaml`, but you can choose another name.

### **i** NOTE

When you upgrade an existing installation, you need to generate this file. See the [Upgrade](#) section for full details.

In addition to the values listed here, there are further configuration options available for Eggplant DAI. See [Values](#) for full details. Further configuration options might be available for third-party products, e.g. RabbitMQ, Postgres and Minio. Refer to the upstream documentation for these charts to see what options are available.

### **i** NOTE

The file is in YAML format and its `.yaml` suffix follows the convention for YAML-formatted files.

```
global:
  adminPassword: '<password>'
  adminUsername: '<email>'
  license: '<license>'
ingress:
```

```

hostnames:
  - '<ingress hostname>'
postgresql:
  auth:
    postgresPassword: '<postgresql password>'
rabbitmq:
  password: '<rabbitmq password>'
  erlangCookie: '<rabbitmq cookie>'
keycloak:
  url: '<url of Keycloak instance>'
  adminPassword: '<password for the Keycloak admin user>'

```

Placeholder	Value
<adminPassword>	Sets the password for the Eggplant DAI administrator.
<adminUsername>	The email address that is used for the username of the Eggplant DAI administrator.
<ingress hostname>	The ingress hostname for your Kubernetes DAI namespace. You must supply this value as appropriate for your Kubernetes cluster.
<postgresql password>	Supply a password of your choosing for PostgreSQL to use.
<rabbitmq password>	Supply a password of your choosing for RabbitMQ to use.
<rabbitmq cookie>	Supply a 30-byte cookie, base-64 encoded, for RabbitMQ to use, e.g. to generate: <code>head -c30 /dev/urandom \   base64</code> .
<url of keycloak instance>	Sets the URL for the Eggplant identity and access management system.
<keycloak admin password>	Sets the password for the System Administrator for the identity and access management system.

For a complete list of values and their defaults, see the [Values](#) section.

## Bug Hunting Service

The bug hunting service was added in DAI 6.1. The default memory allocation for this service is 750Mi, which is set in:

- `values.bug_hunting.resources.limits.memory`
- `values.bug_hunting.resources.requests.memory`

The actual memory used will vary for every installation, and is dependent on the number of models, and the number of actions in each model. Monitor the bug hunting service to determine a suitable value for your deployments.

## Install Eggplant DAI for a Quick Trial

The quick trial configuration includes a PostgreSQL instance inside the Kubernetes namespace so no further database setup is required. The quick trial database is ephemeral. It is destroyed if the Helm chart is deleted.

1. Install the DAI Helm chart using the prepared configuration file, like this:

```
helm install dai eggplant/dai --version 0.11.17 -f dai.yaml --namespace dai
```

The `eggplant/dai` chart is installed as a Helm release called `dai` (the first parameter) into the Kubernetes namespace, also called `dai` (the `--namespace` parameter), using the parameters supplied in the `dai.yaml` file. `dai` is used as an example in these instructions, but you can use any name you prefer.

2. To watch the cluster building, use the following command.

```
watch kubectl get pods
```

All the items will display as `Running` after the cluster is built.

After Eggplant DAI is installed, use a web browser to access the ingress hostname specified in the configuration file.