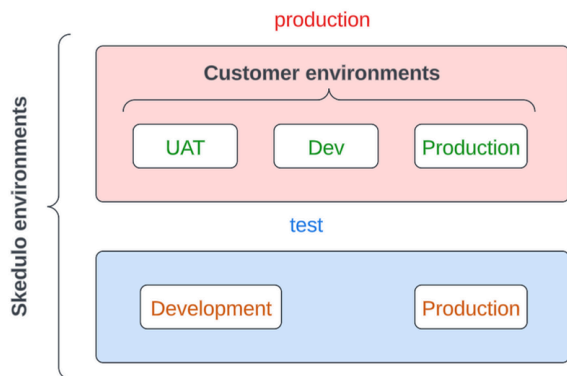




## Installation

- [Installation Guide](#)
- About: **\$ sked about**
- Available versions: **\$ sked update --available**
- Upgrade latest version: **\$ sked update**

## Environments



The term environment varies by context.

In most commands, the environment flag refers to a Skedulo environment like *production*, *test*, *perf*, or *staging*, defaulting to *production* if unspecified.

Customers may have multiple environments or tenants, all within Skedulo's *production* environment, so the environment flag can often be ignored in the CLI.

## Internal Plugin

- Install: **\$ sked plugins install @skedulo/plugin-internal**
- Login: **\$ sked internal login [-e <test/production>]**
- More Commands: **\$ sked internal --help**



[Skedulo CLI Internal Plugin](#)

## Tenant Commands

**\$ sked tenant login web -a <alias> -t <tenant-name> [-e <environment>] [--set-default]**

Log in to Skedulo using the web interface

**\$ sked tenant login access-token -a <alias> -t <tenant> [-e <environment>] [--set-default]**

Log in to Skedulo using a access token

**\$ sked tenant display [-a <alias>] [--permissions] [--roles]**

Display authentication information for a given tenant

**\$ sked tenant logout [-a <alias>]**

Removes the token for a given alias or default alias if not provided

**\$ sked tenant list**

Display currently stored tenants

**\$ sked tenant set-default -a <alias>**

Set default alias

## Internal SDLC (Using Internal Token)

Use this command for local package deployment

**\$ sked internal register-package -s <github-reference-url>**

Register a Skedulo package.

**\$ sked internal deploy-package -p package-name -t <team-name> [-v <version>]**

Deploy a registered Skedulo package to one tenant.

**\$ sked internal deploy-package -p <package-name> -f <team-list-json-or-csv>**

Deploy a registered Skedulo package to multiple tenants.

## Customer SDLC (Using Tenant Token)

**\$ sked package deploy local -p <package-dir> -a <alias>**

Deploy a local package. Cannot deploy to a Production environment.

**\$ sked package register -s <github-reference-url>**

Register a customer package. The Github token can be provided via command prompt or can be set via the `GITHUB_ACCESS_TOKEN` environment variable.

**\$ sked package deploy registered -p <package-name> [-v <version>]**

Deploy a registered customer package. Use latest version if not provided.



[Creating a package as a Skedulo employee](#)



[Skedulo CLI SDLC for customers](#)



What does a valid GitHub reference URL look like?



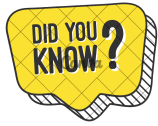
<https://github.com/Skedulo/new-package/tree/main>

**<repository-base-ur>/tree/<branch-name|commit-hash>**

<https://github.com/Skedulo/new-package/tree/4ae834dc213ace7dcf307a6>



The **branch name** must not contain a forward slash. If it does, use the **commit hash** instead.



You can [Install a package using the Admin Console](#)

The API user must be configured to install a package on a Salesforce tenant.

## Function Development

**\$ sked function generate -n <function-name> -o <output-dir>**

Generate a function template

**\$ sked function dev [-a <alias>] [-p <port>] [-f <env-file>]**

Run a function on local. Eg: `sked function dev . -p 8080` (using default alias and .env file for configuration variables)

**Test local function:** the **sked-api-server** header is required authentication if the function calls other functions or Skedulo APIs.

```
$ curl -X GET "http://localhost:8080/ping" \
  -H "Authorization: Bearer <token>" \
  -H "sked-api-server: https://api.skedulo.com"
```



[Develop and Deploy Functions](#)

## Web Extension Development

**\$ sked web-extension generate-ssl-cert**

Generate a self-sign SSL certificate

**\$ sked web-extension dev <root-dir>**

Run a web extension on local.

View the local web extension at <https://<team domain>/c-dev>

You can find the template and instructions to run your first web extension [here](#)

## Troubleshooting

*The following artifacts are not available in this tenant and cannot be deployed: <artifact-name>.*

Enable the **enableAlphaArtifacts** feature flag to proceed.

*No matching resource found for NotificationTemplates or Not Found when working with Horizon artifacts*

For some horizon artifacts, use the **object label** for the **objectName** flag

*Package deployment status spinning indefinitely*

Ensure the API user is properly configured in Salesforce tenants. If it is, try deactivating and reactivating the API user.

Alternatively, check for pending deployments in the package queue using [this API](#)

*[Forbidden] A development package cannot be deployed to Production tenants*

Note that the **sked package deploy local** command cannot be used for Production deployments.