

Operating cf-toolsuite locally



Prerequisites

```
# *An Intel or AMD 64-bit laptop, desktop, workstation, server, or virtual machine
# Mac OS Big Sur, Ubuntu 20.04 (or better), Windows 10/11 (w/ Windows Subsystem for Linux)

# Docker Desktop or Docker Engine installed
# Github account owner credentials
# Github CLI installed and authenticated
# http CLI installed
# CF API host and credentials
# Ops Manager host and credentials
# Tanzu Network API Token
# An email account (with support for SMTP/TLS)
# Your favorite browser (e.g., Brave, Chrome, Edge, Firefox)
```



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Step 1: Clone and fork source code repositories

```
gh repo clone cf-toolsuite/home  
gh repo fork cf-toolsuite/cf-hoover-config --clone --remote
```



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Step 2: Change directories

```
cd home
```



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Step 3: Copy sample configuration and edit *.env files

```
cp footprints/local/docker/config/archivist.env.sample footprints/local/docker/config/archivist.env
cp footprints/local/docker/config/butler.env.sample footprints/local/docker/config/butler.env
cp footprints/local/docker/config/hover-config.env.sample footprints/local/docker/config/hover-config.env

# Add
# a) CF\_API host and credentials,
# b) Ops Manager host and credentials,
# c) Tanzu Network API token

# Adjust
# a) Policies config values; see CF\_POLICIES\_GIT prefixed properties
# b) Config service git repo; see SPRING\_CLOUD\_CONFIG\_SERVER\_GIT\_URI, the owner should be you
```



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Step 4: Edit `application.yml` in <https://github.com/{owner}/cf-hoover-config>

```
# Using your favorite browser, visit your fork of cf-hoover-config
# Make sure you are authenticated as the owner w/ read-write permissions
# Edit the cf.butlers key-value pairs
# a) Set the key to demo
# b) Set the value to http://localhost:8080
```



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Step 5: Invoke startup.sh

```
cd footprints/local  
./startup.sh
```



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Step 6: Test your footprint

```
# Get status of your deployment
./status.sh

# Show logs for a running container
./show-logs.sh toolsuite butler

# Trigger collection on butler
http POST :8080/collect

# Trigger cache refresh on archivist
and hoover-ui, respectively
http POST :8081/cache/refresh
http POST :8083/cache/refresh
```

```
# Obtain snapshot detail reports from
butler
http :8080/snapshot/detail
http :8080/snapshot/detail/ai

# Obtain snapshot summary report from
hoover
http :8082/snapshot/summary

# Visit these URLs in your favorite
browser
http://localhost:8081 - cf-archivist
http://localhost:8083 - cf-hoover-ui
```



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Step 7: Invoke shutdown.sh

```
./shutdown.sh
```

