

Continuity Reactor SDK

Module Objectives

In this module, you will look at:

- What is the Continuity Reactor SDK?
 - Downloading the Continuity Reactor SDK
 - Installing the SDK
 - Exploring the contents of the SDK
-

What is the Continuity Reactor SDK?

- A software development kit **and** a local Continuity Reactor
 - Software development kit:
 - APIs
 - Examples
 - Documentation
 - Local Continuity Reactor
 - Different than distributed version
 - Useful for prototyping and demonstrating
 - Deploy to a distributed Reactor with no code changes
-

How to get the SDK

Download the Software Development Kit

- <http://www.continuity.com/download>
 - Register for free account
 - Download `continuity-sdk-<version>.zip`
 - Unzip the download
-

Exploring the Contents of SDK

- Local Continuity Reactor Application
 - Scripts for starting, stopping, restarting, status of Reactor
 - Includes Continuity Reactor Dashboard Web Application
 - Examples
 - Documentation
 - Javadocs
 - REST API Guide
 - Online documentation
-

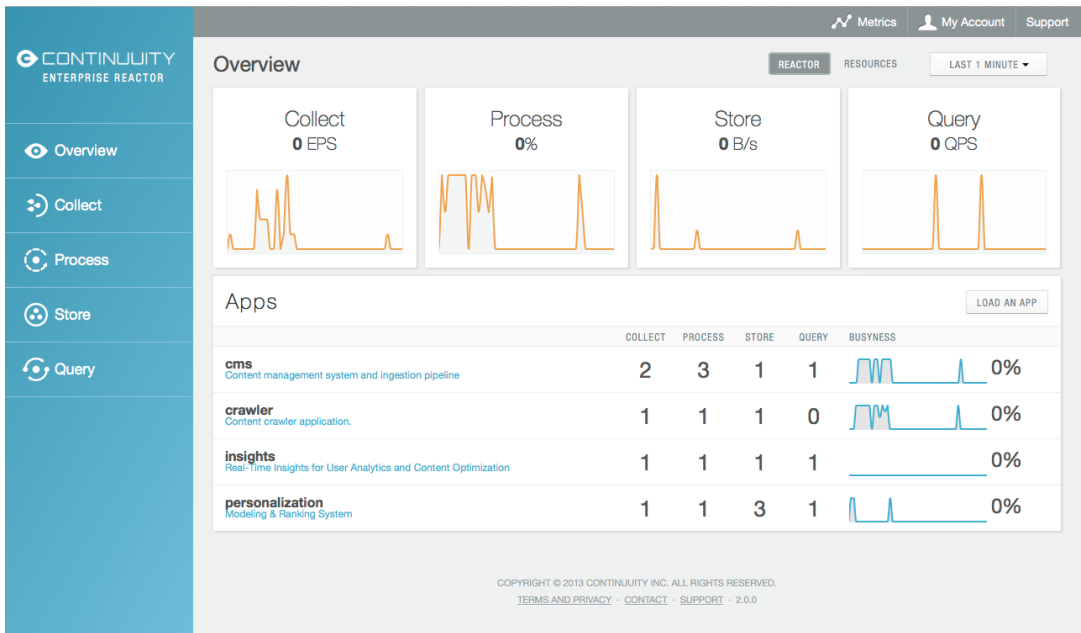
Local Continuity Reactor Application Scripts

Utility programs located in `bin/` for:

- Reactor starting, stopping, restarting status
 - `reactor.sh` for *nix systems
 - `reactor.bat` for Windows
 - Running examples
-

Continuity Reactor Dashboard

- Viewed by starting local Reactor and then connecting to `http://localhost:9999`



Examples

- Located in both `examples/` and online
 - `README.rst` includes descriptions
-

Javadocs

- Javadocs for Java portion of API
 - Located in `javadocs/`
 - HTTP REST API documented separately
 - Examples & Documentation are best place to start learning
-

REST API Guide

- Local copy of HTTP REST API located in docs/: REST-API-Reference-v<version>.pdf
 - All other docs online through
 - <http://www.continuity.com/developers/>
-

Online Documentation

- Introduction
- Quick Start
- Examples
- Programming Guide
- Advanced Features
- Testing and Debugging
- Operations Guide
- HTTP REST API
- Javadocs
- FAQ

Available through <http://www.continuity.com/developers/>

Module Summary

You should now be able to:

- Download the Continuuity Reactor SDK
 - Install the SDK
 - Find the start scripts for Local Reactor
 - Start Local Reactor
 - Start Dashboard webapp and take the Quick Start tour
-

Module Completed

[Chapter Index](#)