



Spring Cloud Data Flow

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Spring Cloud Data Flow

- RESTful API server
- Orchestrate stream and task apps
- Provides Stream and Task DSL
- REST Client
 - Shell
 - Dashboard GUI (along with Flo editor)
 - Java DSL

Spring Cloud Data Flow

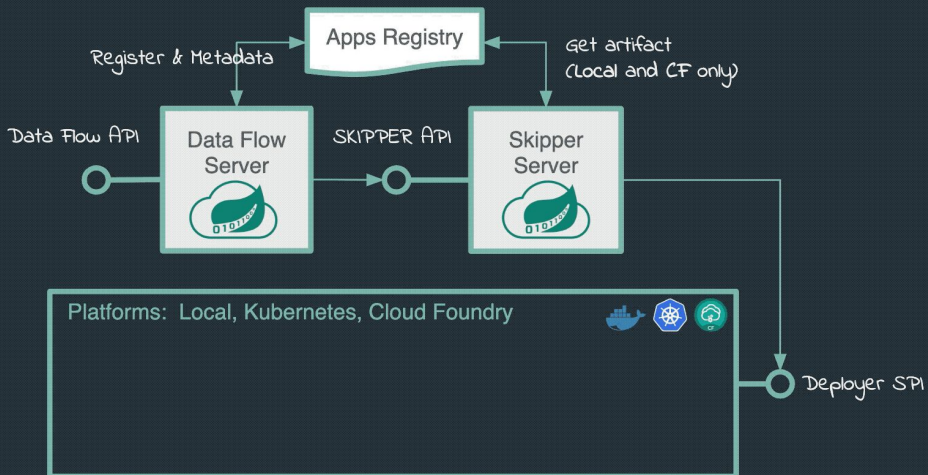
- Spring Boot application
 - Configuration options
- OpenID/OAuth2
 - Authentication/Authorization
- Single server for multi target platforms
 - Local, K8s and PCF
- Spring Cloud Skipper for Continuous Deployment
- Metrics and Monitoring Integration
- Auditing

Spring Cloud Data Flow

- Streaming applications
 - Out of the box applications
 - Customize/Extend
 - Custom applications
- Task applications
 - Simple Batch applications
 - Composed Task Runner

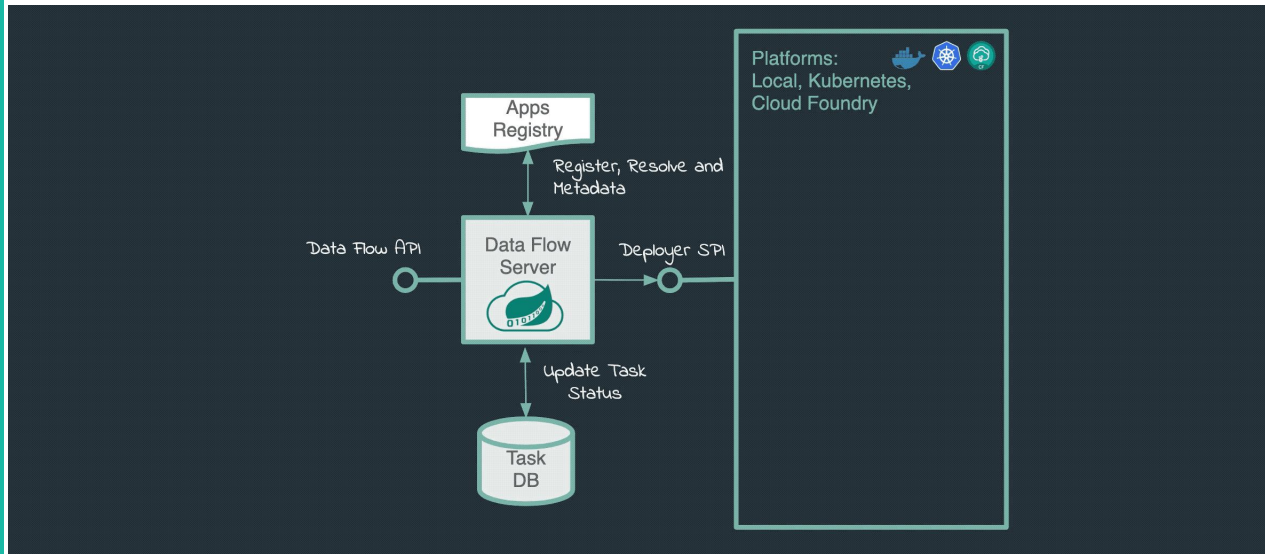
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Stream Processing



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Task Processing



Spring Cloud Data Flow

- SCDF Website
 - <https://dataflow.spring.io/>
- Github
 - <https://github.com/spring-cloud/spring-cloud-dataflow>
- SCDF Documentation
 - <https://docs.spring.io/spring-cloud-dataflow/docs/current/reference/htmlsingle/>

The background of the slide is a teal-colored overlay of a photograph of the Golden Gate Bridge. The bridge's iconic towers and suspension cables are visible, stretching across the frame from the right side towards the left.

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Thank you!