

# CDAP

## Community Information

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<b>Dev Group</b>	<a href="https://groups.google.com/forum/#!forum/cdap-dev">https://groups.google.com/forum/#!forum/cdap-dev</a>
<b>User Group</b>	<a href="https://groups.google.com/forum/#!forum/cdap-user">https://groups.google.com/forum/#!forum/cdap-user</a>
<b>Issues</b>	<a href="https://issues.cask.co/browse/CDAP">https://issues.cask.co/browse/CDAP</a>
<b>Builds</b>	<a href="http://builds.cask.co/browse/CDAP">http://builds.cask.co/browse/CDAP</a>

## CDAP Components

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### Getting Started

- Allowed Licenses
- CDAP Development Workflow
- Coding Standard
- Contributing to CDAP
- Setting up Environment

### Environments

### Infrastructure

- 5.0 Metadata
- Add native support for Dataframe APIs in data processing pipeline
- CDAP 5 incompatible changes
- CDAP Cloud 5.x
- CDAP Edge
- CDAP Operational APIs
- CDAP Scripts
- Change log level dynamically
- Control Flow support in Hydrator
- Dataset Infrastructure
- Exception Handling Improvements
- Field Level Lineage (WIP)
- Improving Plugins User Experience Across Different Modes
- Installation Improvements
- Messaging
- Metadata and Data Discovery
- Metrics
- Namespace Migration
- Provisioner System Properties
- Refined Program States
- Resiliency, Replication, Rolling Upgrade, Performance
- Resources Lifecycle
- Running on Kubernetes
- Scaling preview system on Kubernetes
- Security
- Spark Revamp
- System Bootstrapping
- Upgrade Tool Improvements
- Versioning Support - Applications and Services
- Workflow

### User Interface

- Basic Tests before creating a UI pull request
- Cask Market - CDAP 4.0
- CDAP 4 - Wizards
- Navigating the new UI in CDAP 4.1

### Dataset and Streams

- Add SNAPSHOT dataset and SNAPSHOT source/sink
- Changes to Table Interface
- Dynamic Partitioning of MapReduce Output

### Application Concepts

- Application Artifact Stories
- Application Concepts
- Operations in Apps

- UI JSON Specification
- UI Revamp - 4.0

- External File Sets
- Hive 2.0 Support
- Multiple Inputs of MapReduce
- Multiple Output Datasets of MapReduce
- Periodically consuming partitions of a PartitionedFileSetDataset
- Stream
- Streaming HTTP handlers

## Workflow

- Scheduler Improvements (WiP)
- Workflow Diagnostics Tool
- Workflow Enhancement - 3.4
- Workflows hooks CDAP-4075
- WorkflowToken Enhancements

## Metadata and Data Discovery

- Active program runs heartbeat
- Enhancements to Search - CDAP 4.0
- External Search and Indexing Engine Investigation
- Metadata and Data Discovery 3.3
- Metadata Management - External Integrations
- Navigator Integration
- Performance improvement for getting active program runs within a time range for Ops Dashboard
- Sorting and Pagination for Search
- Workflow Level Lineage View
- Wrangler Lineage for Directives

## Security

- Audit information publishing
- Audit logging for 4.1
- Authorization 4.3
- Authorization - CDAP 3.4
- Authorization Design
- Authorization Design improvements (WIP)
- Authorization Improvements
- Authorization policies
- Hue Integration
- Ranger Integration
- Secure Impersonation - Security 4.1
- Secure Impersonation Specification
- Secure Store
- Security - CDAP 3.5
- Security CLI commands
- Security Tasks 4.3
- Setting up Apache Sentry from source on a Coopr CDH cluster
- SSL between router and app-fabric-server

## Metrics and Logging

- Metrics Architecture
- Replace Kafka With TMS for metrics

## Namespace

Unable to render {children}. Page not found. namespaces.

## Metrics and Logging

- Caskalytics
- Cask Hydrator
- Cask Tracker
- Change Data Capture
- Data Quality Application
- Moving Cask Extensions to CDAP System Namespace