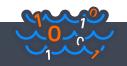




CASK DATA APPLICATION PLATFORM

CDAP empowers every developer and enterprise to quickly and easily build and run modern data applications using open source big data technologies like Hadoop, Spark and HBase



ENTERPRISE DATA LAKES

Batch and Realtime Data Ingestion

Any type of data from any type of source in any volume

Batch and Streaming ETL

Code-free self-service creation and management of pipelines

SQL Exploration and Data Science

All data is automatically accessible via SQL and client SDKs

Data as a Service

Easily expose generic or custom REST APIs on any data



BIG DATA ANALYTICS

360° Customer View

Integrate data from any source and expose through queries and APIs

Realtime Dashboards

Perform realtime OLAP aggregations and serve them through REST APIs

Time Series Analysis

Store, process and serve massive volumes of time-series data

Realtime Log Analytics

Ingestion and processing of high-throughput streaming log events



PRODUCTION DATA APPS

Recommendation Engines

Build models in batch using historical data and serve them in realtime

Anomaly Detection Systems

Process streaming events and predictably compare them in realtime to historical data

NRT Event Monitoring

Reliably monitor large streams of data and perform defined actions within a specified time

Internet of Things

Ingestion, storage and processing of events that is highly-available, scalable and consistent

As use cases become more advanced, complexity increases but business value increases dramatically. CDAP rapidly accelerates your adoption and usage of big data.



Address the skills gap and reuse your existing talent

CDAP provides a higher-level integrated framework that frees developers and operations from learning, integrating and managing each individual open source project. Applications built on CDAP separate business logic from infrastructure APIs, drastically reducing complexity and total cost of ownership.

Integrated capabilities let you avoid wasting time with common tasks

Conceptual integrity means you only **integrate once with a standard layer**

Framework correctness allows you to write application logic without worrying



Reduce time-to-market and time-to-value on Hadoop

CDAP enables developers to get started quickly with built-in data ingestion, exploration and transformation capabilities available through a rich user-interface and interactive shell. Reusable abstractions expose simple APIs for developers to quickly build data-centric applications and get them into production.

Rich user interface and interactive shell let you use Hadoop without writing code

Application templates and data patterns so you write logic against use-case specific APIs

Runtime services and tools so you can **test reliably and move to production quickly**



Remove friction and future-proof your investment

CDAP makes all data in Hadoop available for access in real-time, batch and for ad-hoc SQL analysis without the need to write code, manage metadata or copy any data. Advanced functionality for scale-out, high-throughput real-time ingestion and transactional event processing while maintaining data consistency enables disruptive new use-cases.

Real-time, batch and SQL integration means data is available for all access patterns

Flexible real-time and batch ingestion lets you **ingest any** type of data, from any source

Transactions and consistency for you to build user-facing, realtime applications at scale

Try CDAP Today



Download

Download the CDAP SDK or VM to try CDAP on your laptop

http://cask.co/download



Get Started

Try one of the many sample applications, tutorials or user guides

http://cask.co/get-started



Learn More

Cask provides commercial support and services for CDAP

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