



PERCONA
LIVEONLINE
MAY 12 - 13th
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Open Source Powers the Modern Data Stack

Hello!



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Airbyte

Open Data Integration (ELT)

 1,600 users

 1,100 Slack members

 2,400 GitHub stars

1.

Extract-Load-Transform

A new paradigm for modern data teams

A decorative background consisting of several overlapping, wavy, semi-transparent shapes in shades of orange, red, and pink, creating a modern, fluid aesthetic.

E

xtract

Source-specific routines to pull selected data from an external system.

T

ransform

Business logic specific to your organization to serve an analytics or operational use case.

L

oad

Destination specific routines to push data where it is going to be consumed.

ETL doesn't work in today's world

Inflexible

- Friction when changing an existing pipeline.
- Hard to add new data.
- Most issues force data to be re-imported.

Lack of Autonomy

- Warehouses made data consumers more autonomous.
- Changes require engineering involvement.

Complex

- Custom DSL.
- Force adoption of a data stack.
- Address 70% of the needs, 30% still built and maintained in-house.

E_xtract

General-purpose
routines to pull selected
data from a source.

L_oad

General-purpose
routines to push raw data
where it is going to be
consumed.

T_ransform

Business logic specific to
your organization to
serve an analytics or
operational use case with
SQL / dbt / ...

ELT fixes the ETL-related issues

Flexibility

- All the data available on the destination.
- Data consumers are free to use what they need for the insights they want.

Autonomy

- Data consumers can leverage SQL queries to transform the data the way they want.
- No need to involve the engineering team.

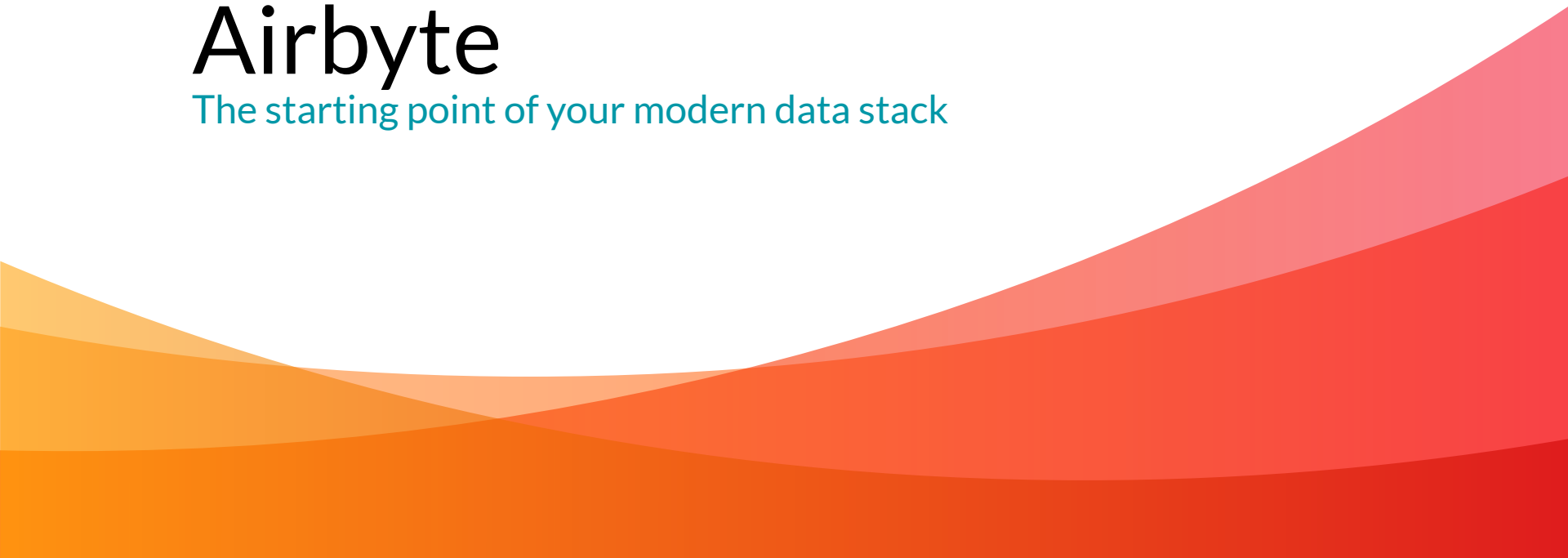
Future proof

- Issues during transformation don't prevent access to the data.
- Easy to update transformation schemas.

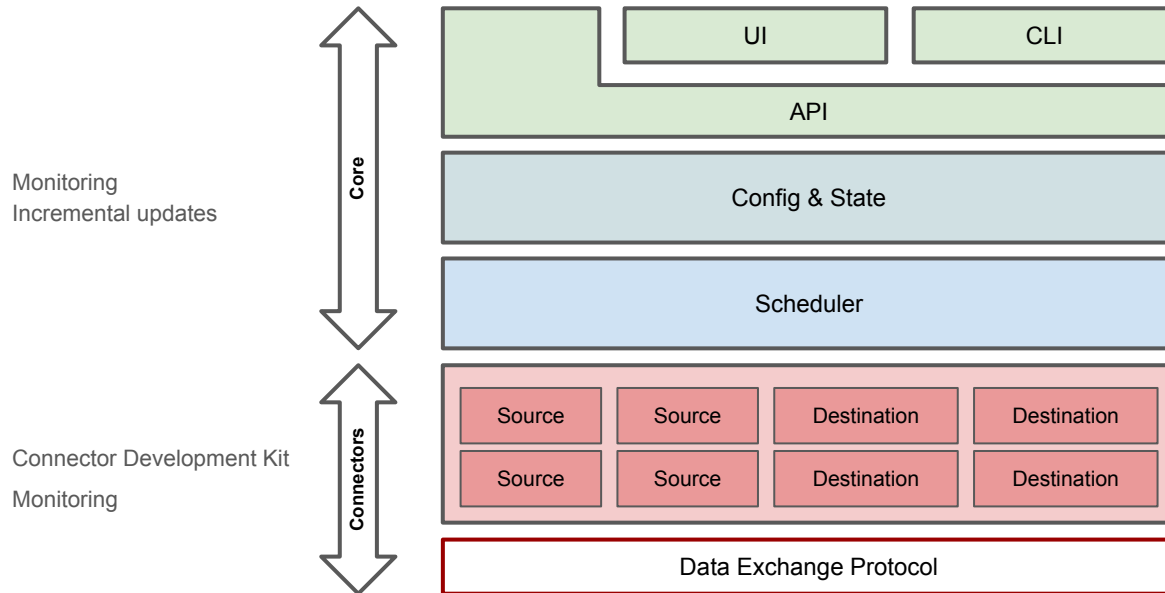
2.

Airbyte

The starting point of your modern data stack

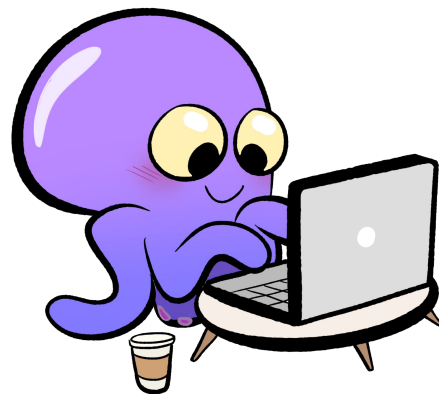


An open data platform for modern teams



Demo

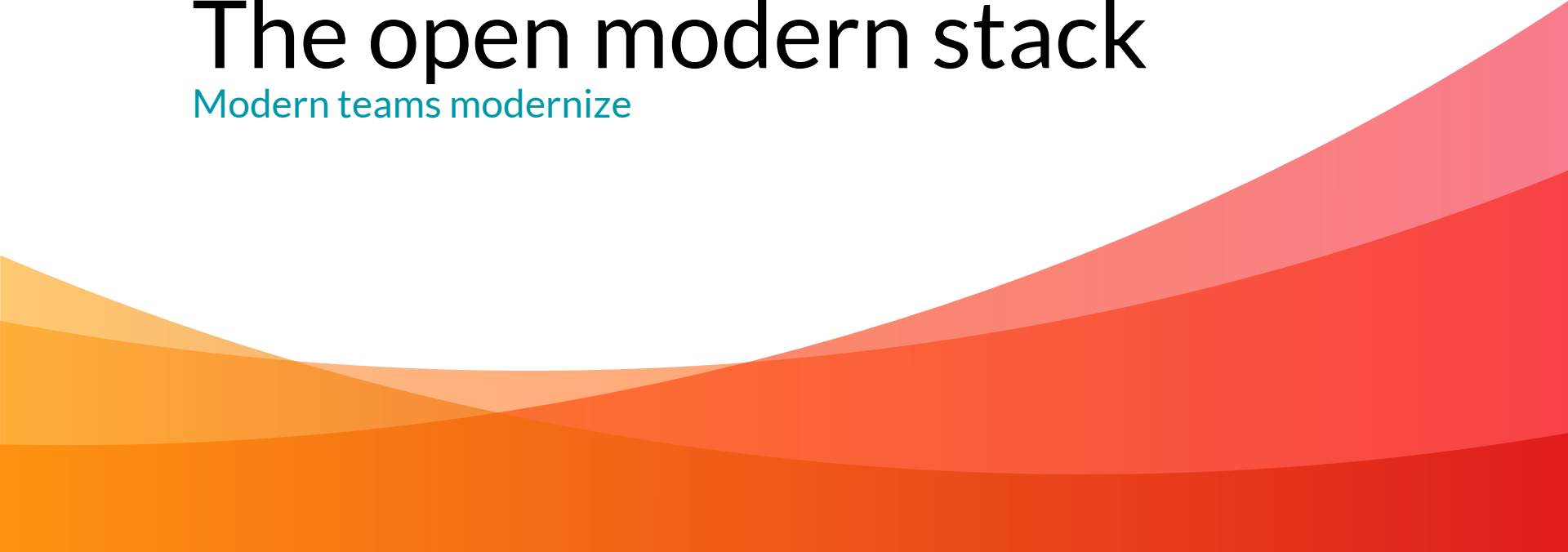
Available on demo.airbyte.io



3.

The open modern stack

Modern teams modernize



Compose your own stack

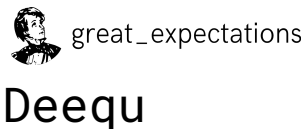
Extract & Load



Orchestration



Quality



Transformation



BI / Visualization



Observability

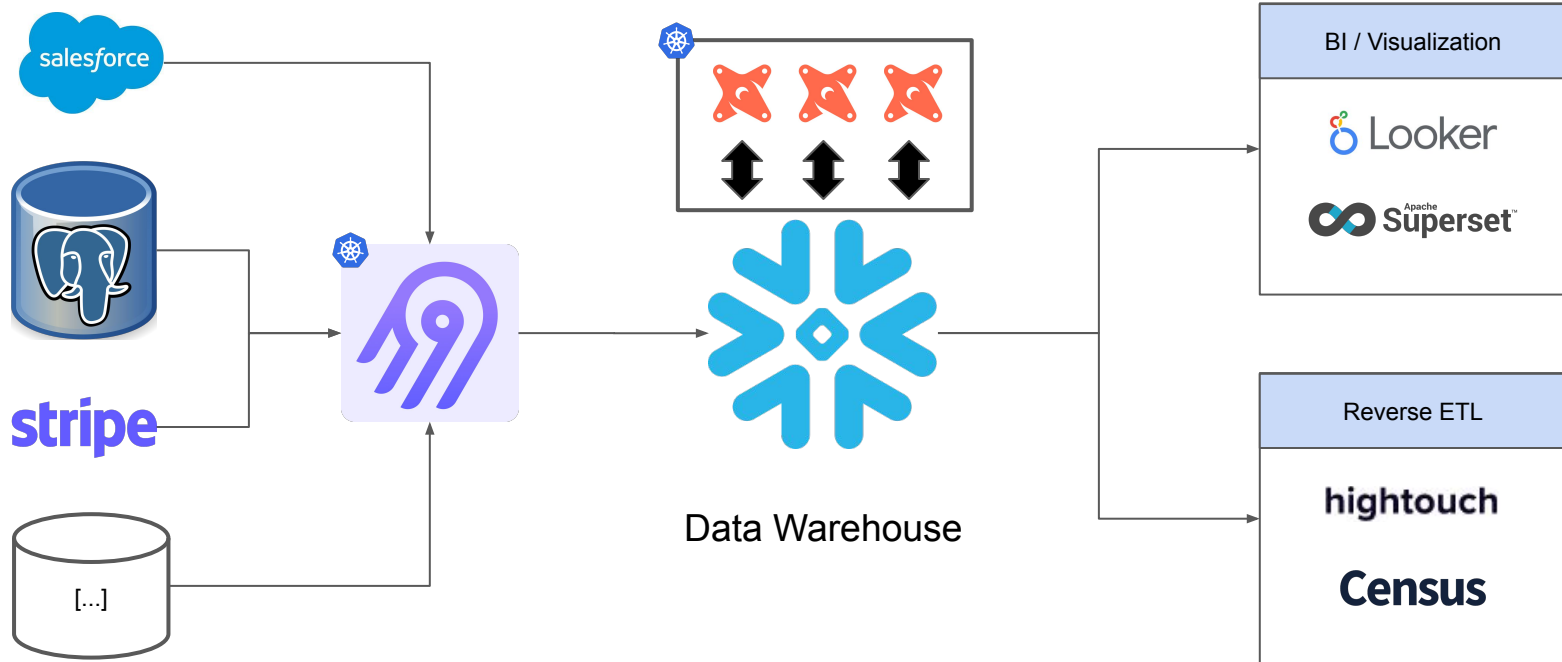


Data warehouse



Infrastructure



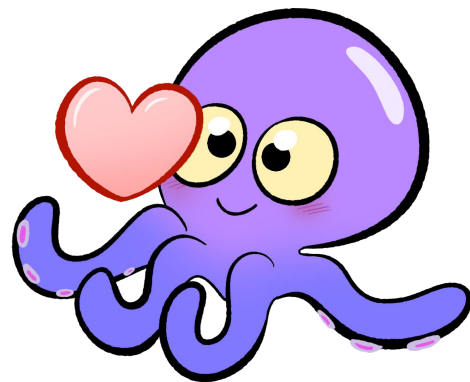


Thanks!

Any questions?

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THANK YOU !



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