

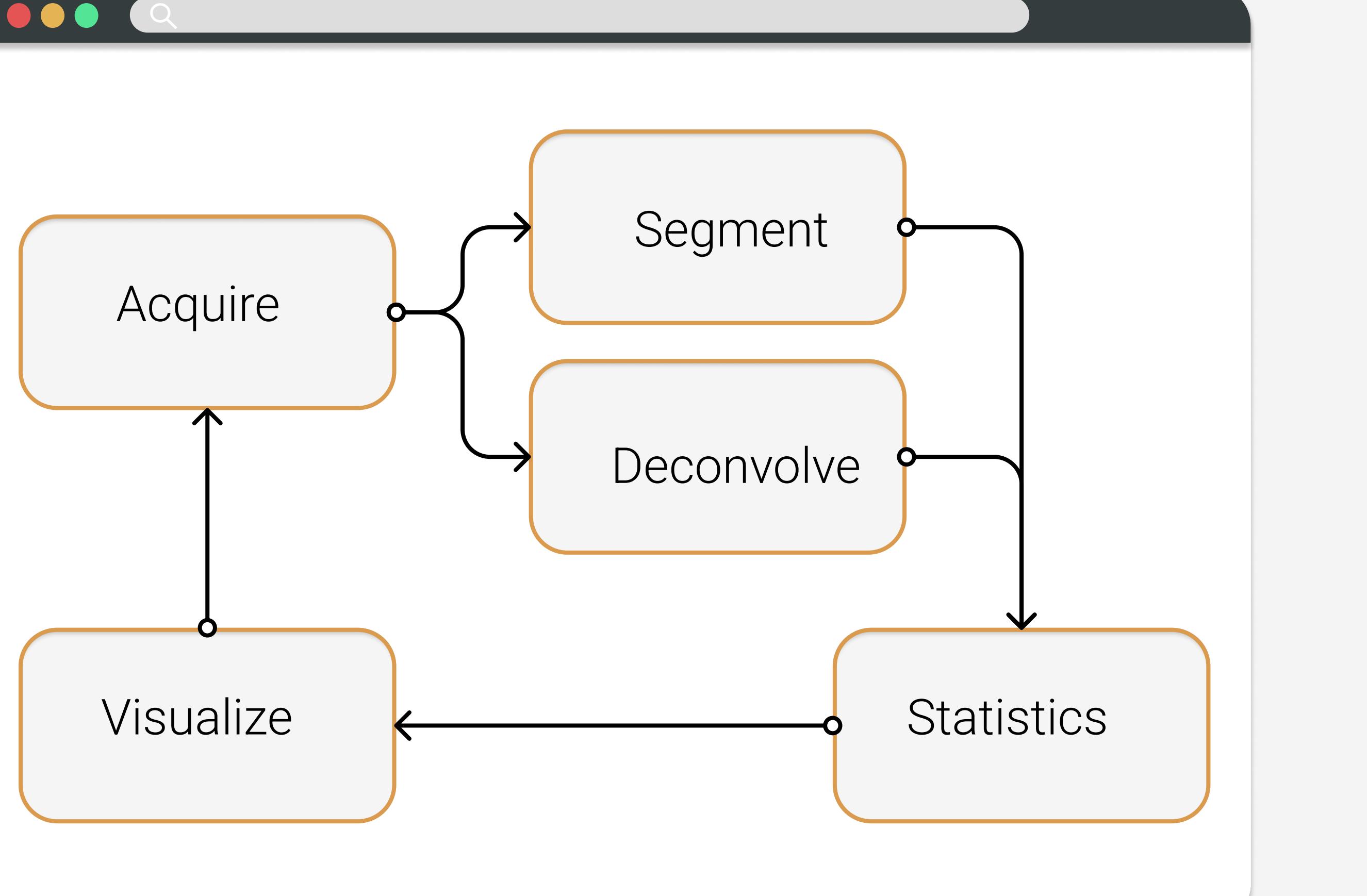
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Easy Design

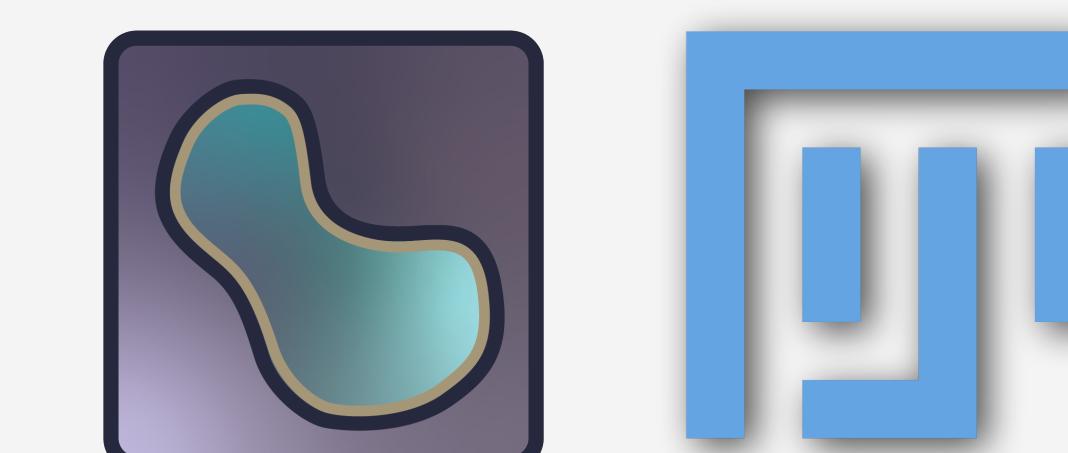


Design your workflow through a **drag-n-drop** webinterface and orchestrate **what** should happen **when**

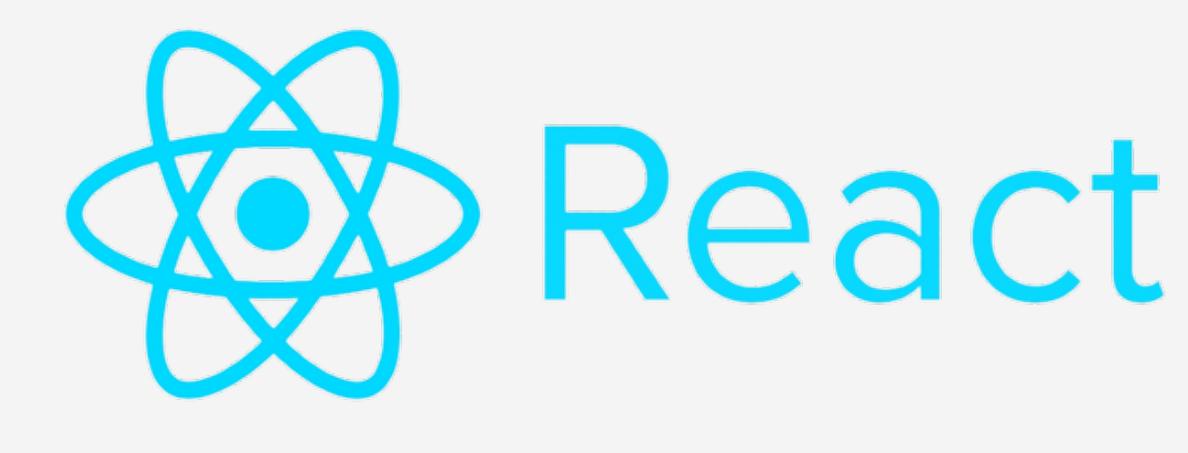
Orchestration

As a central broker of tasks between your bioimage apps, it is able to distribute your tasks to **multiple computers** and **multiple apps** used by **multiple users**.

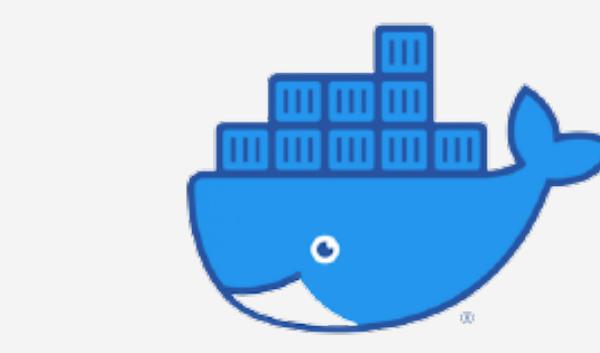
Interoperable



compatible with your favourite image tool



build for **web apps**



support for **virtualization** of **deep Learning**



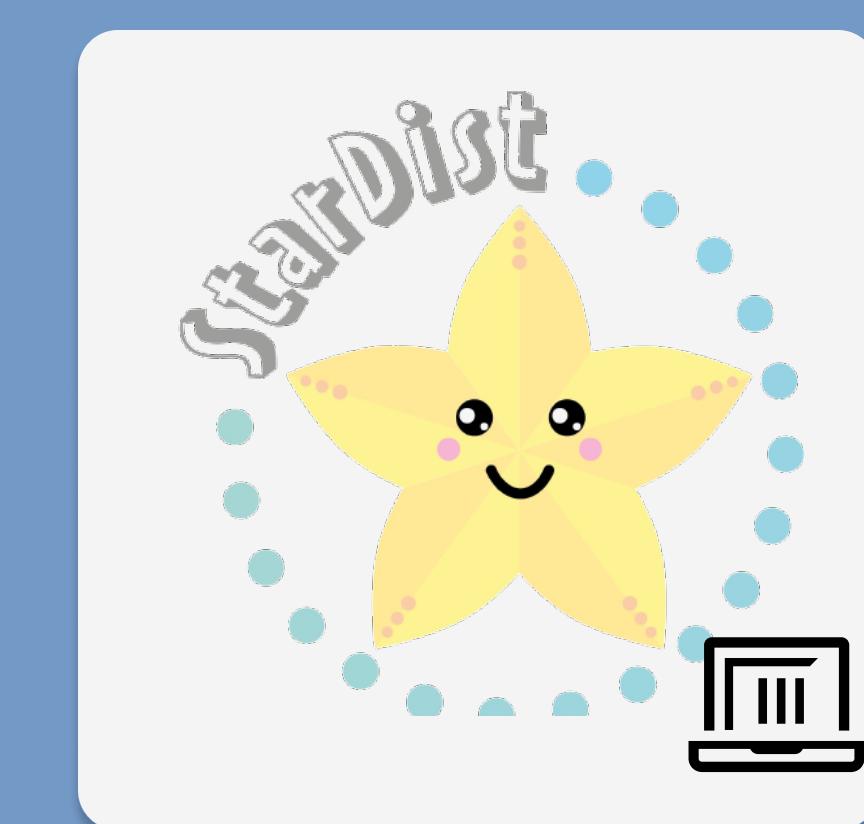
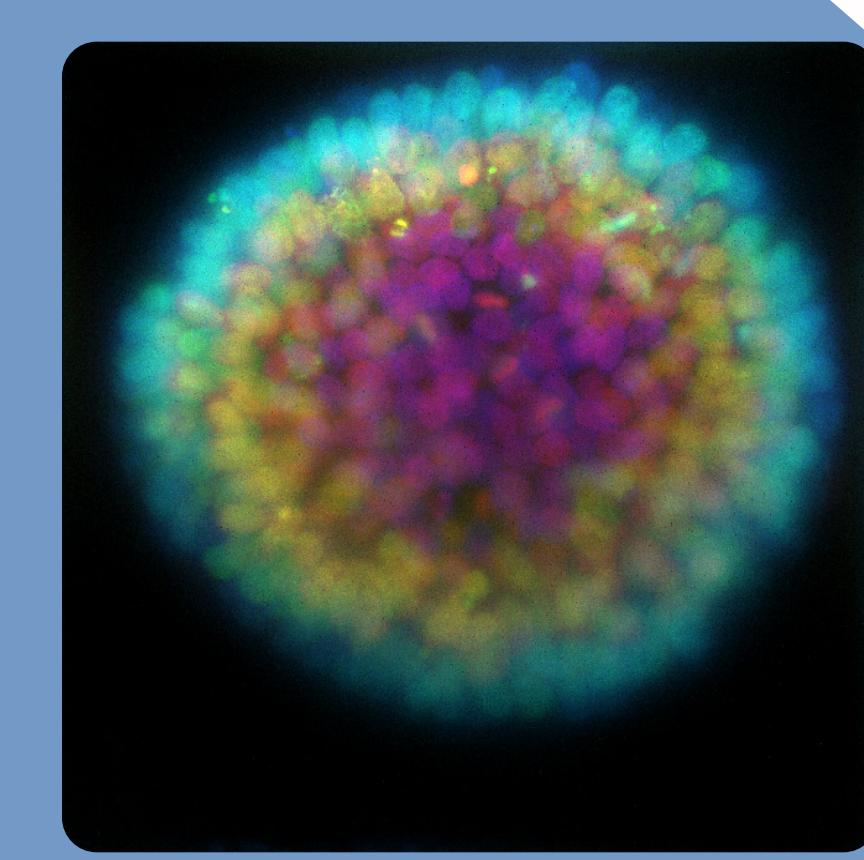
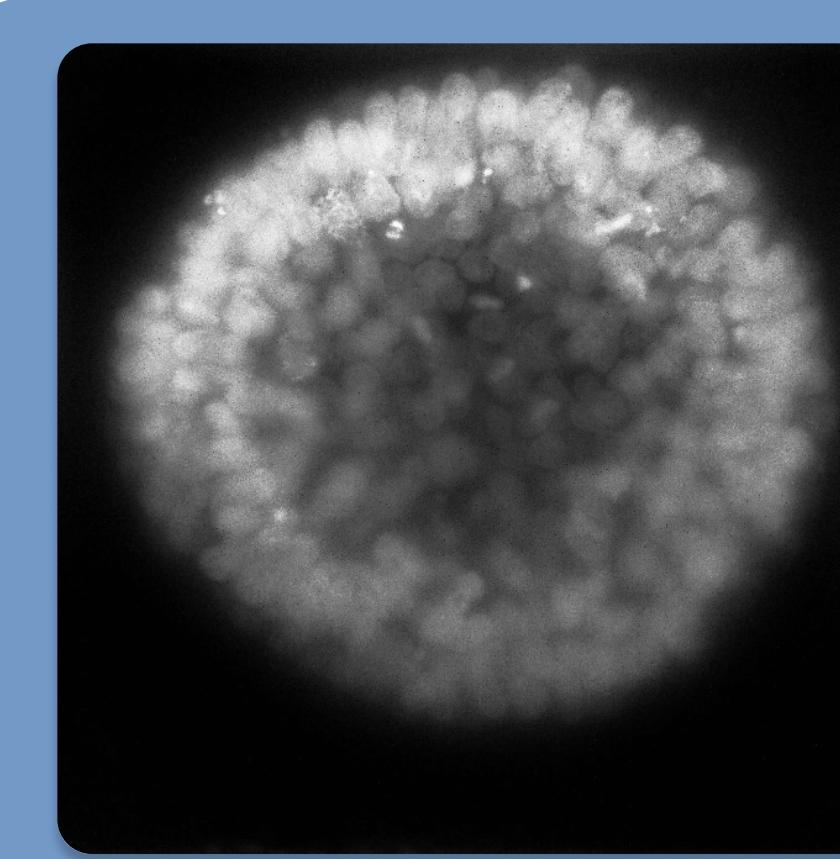
thin **python, javascript** clients with **one-decorator** integration

Parallel and Reliable

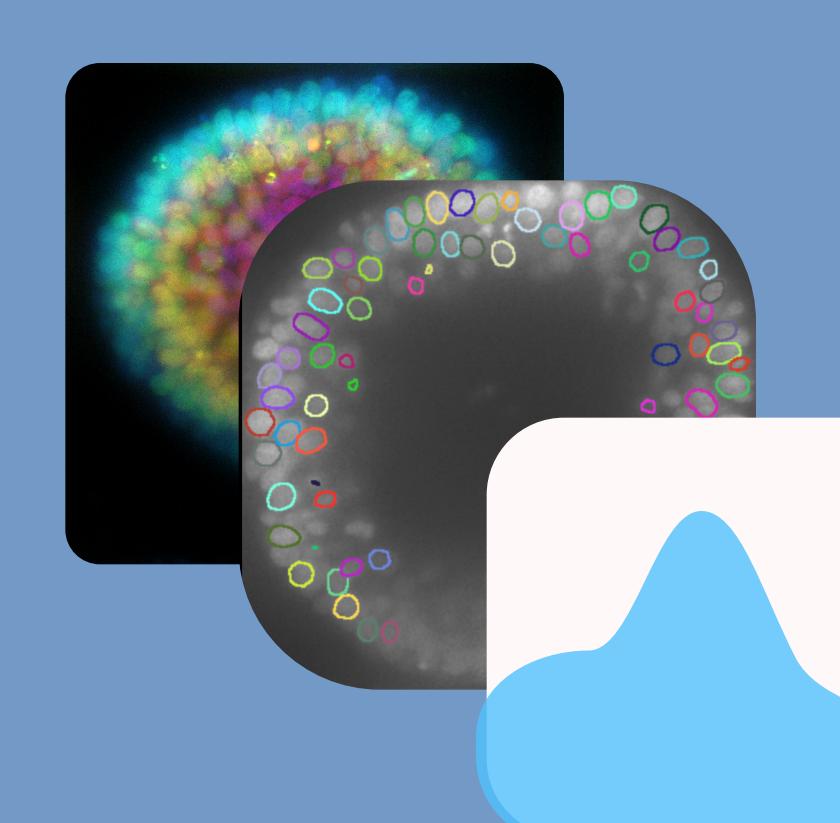
automatic **parallelization** and strong **reliability** because of **actor-based** programming

Arkitekt

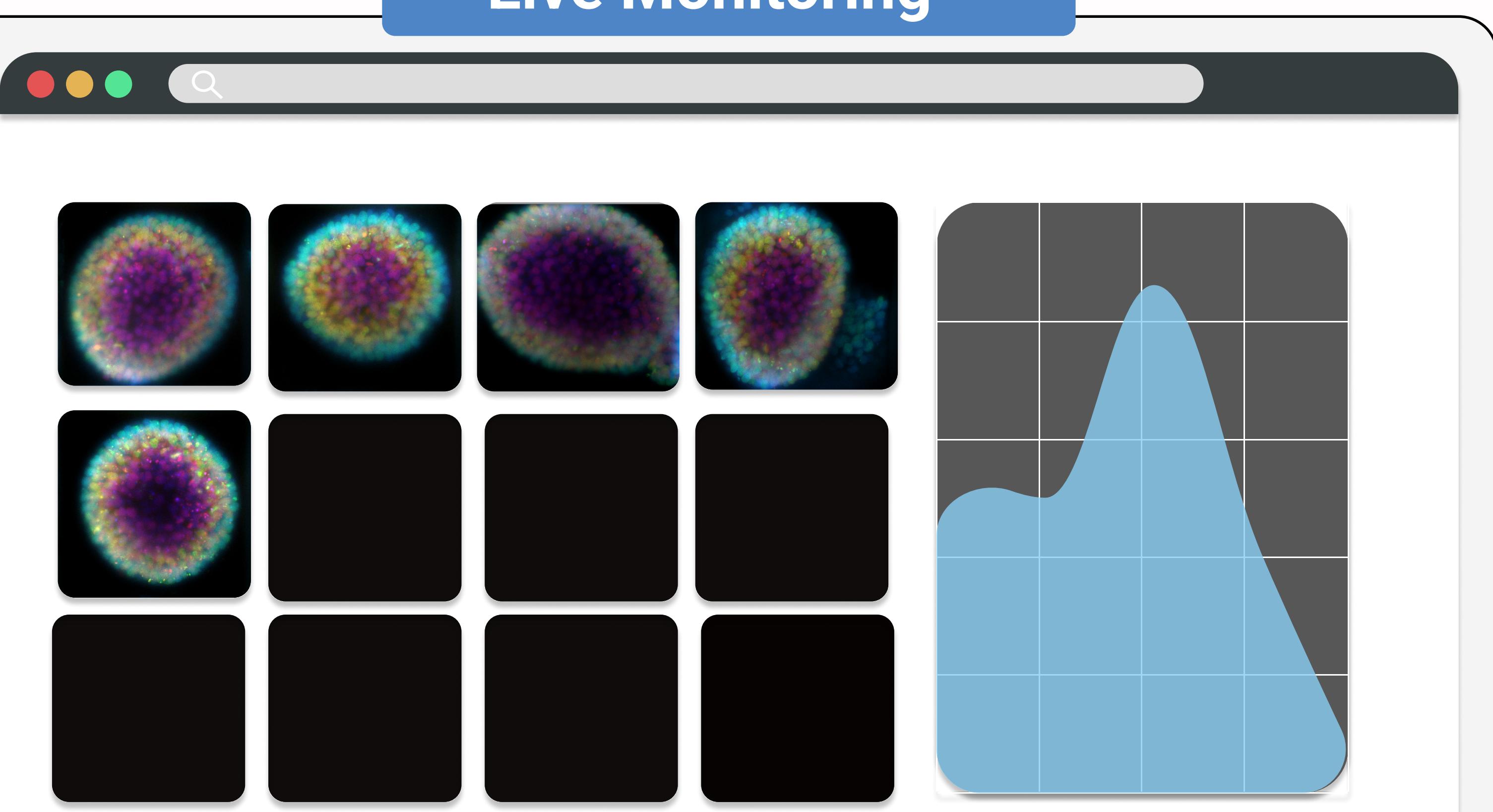
Biological Sample



Biological Insight



Live Monitoring

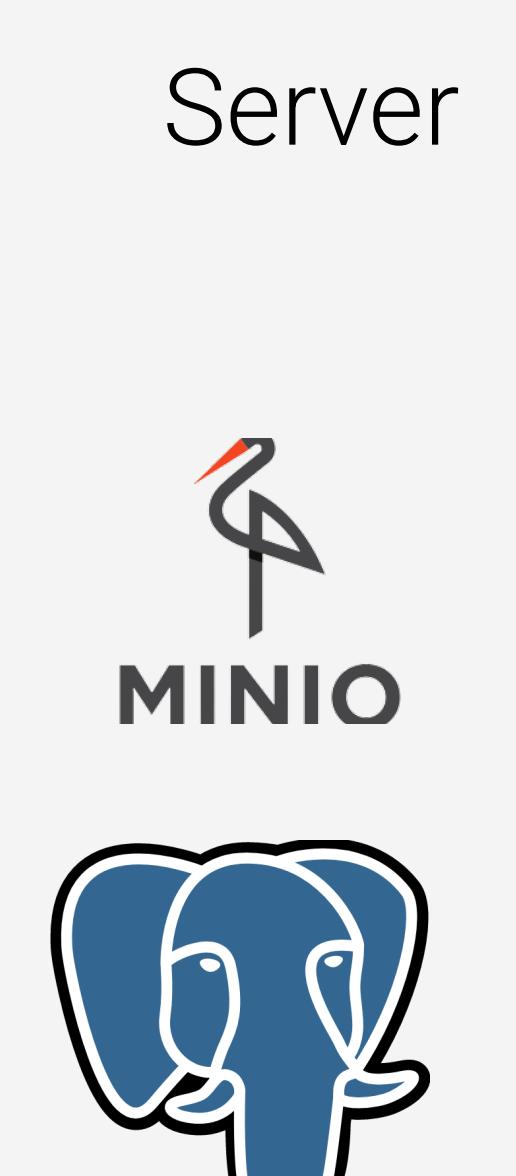
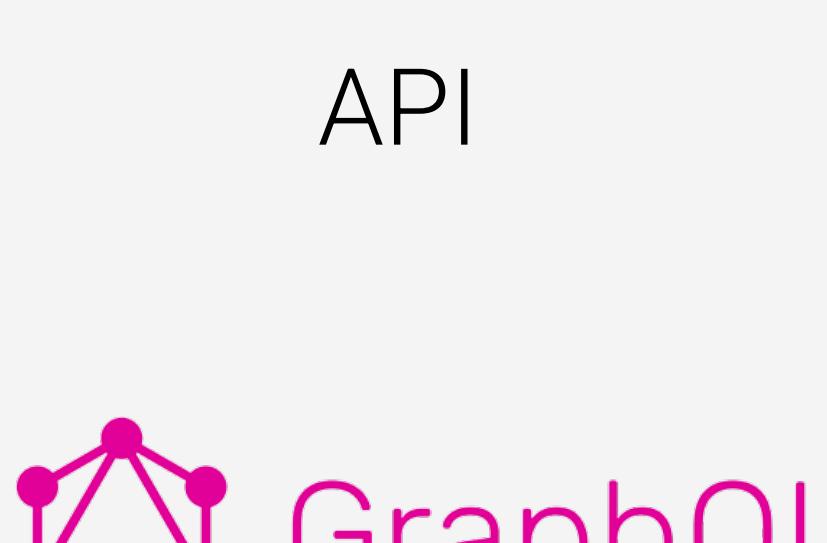
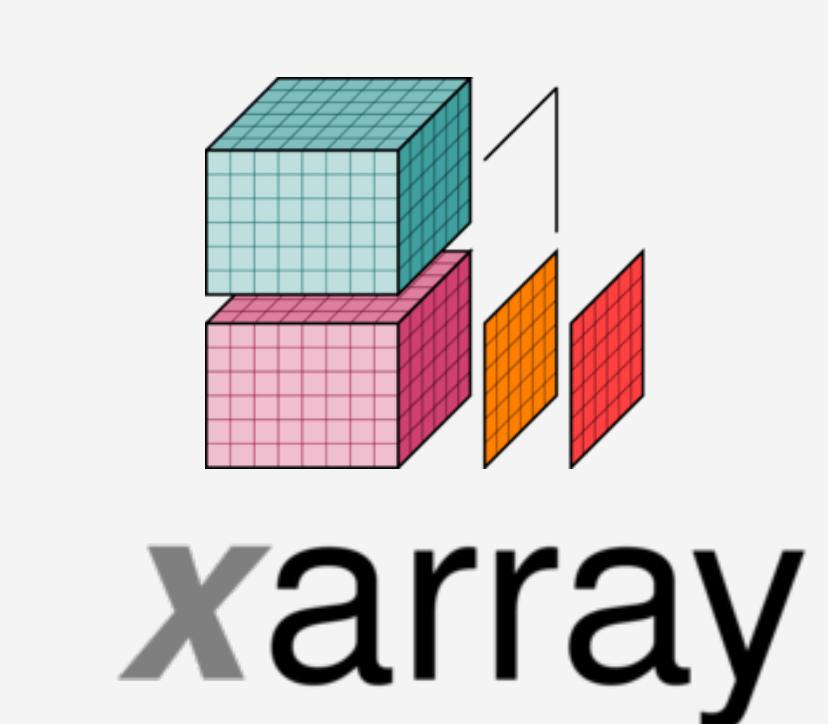


Monitor your analysis in **real-time** and **feedback** or **cancel** your analysis from anywhere.

Modular

Build on top of **open source** technology Arkitekt was designed to be **modular** and **scale** from one computer to a cluster.

Handles Data



Client

API

Server

Data is stored **centrally** and data **relationships** can be explored with your favourite tools through an API build on top of graphql and zarr.