



A Virtual Research Environment For the Marine Sciences

Why & what?

Data is getting bigger, research is getting more cooperative – performing analyses on the cloud is the

Technical Challenges?

Efficient data Integrating existing access across tools efficiently the web. (very diverse in terms of technology, user interface, etc).

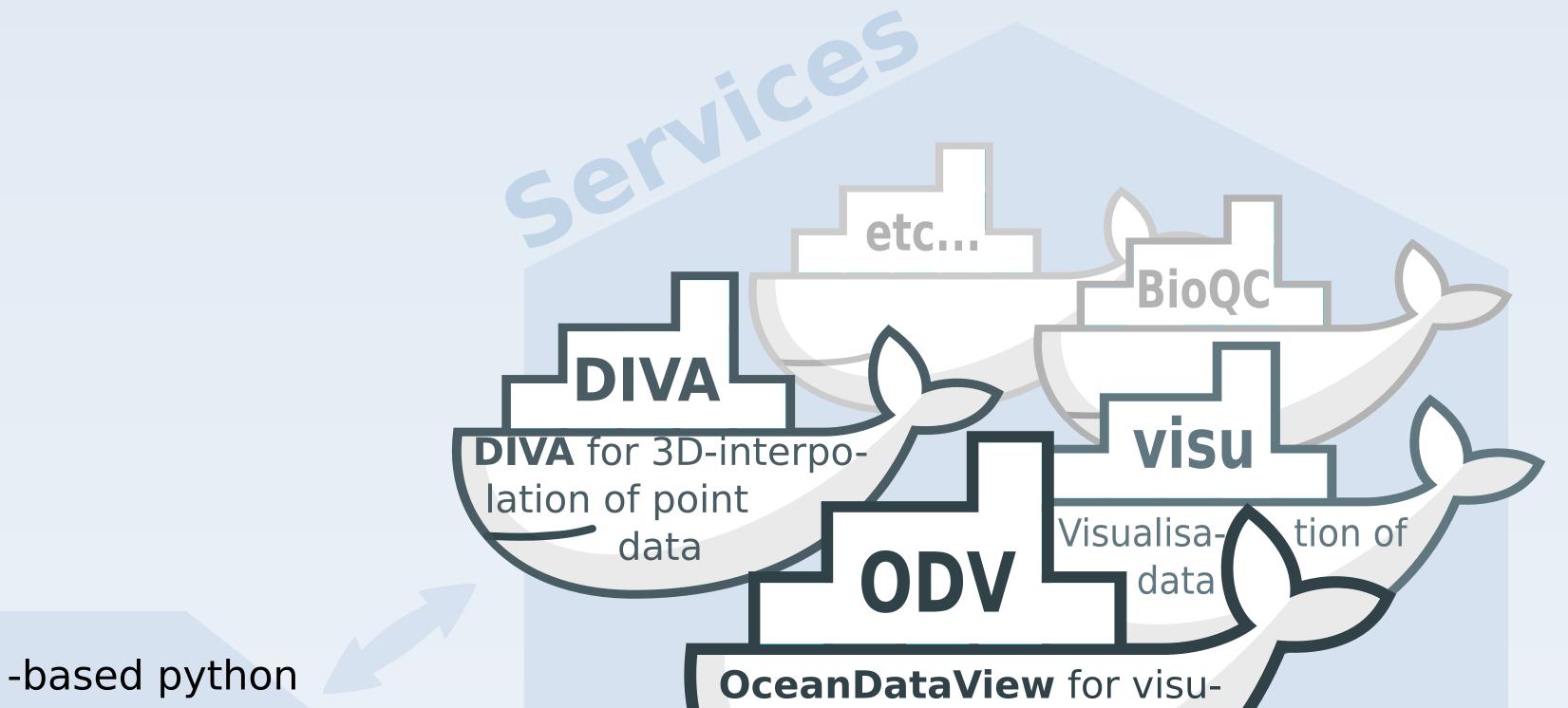
Approaches

The various services run in docker containers to enable integration of very different tools.

solution!

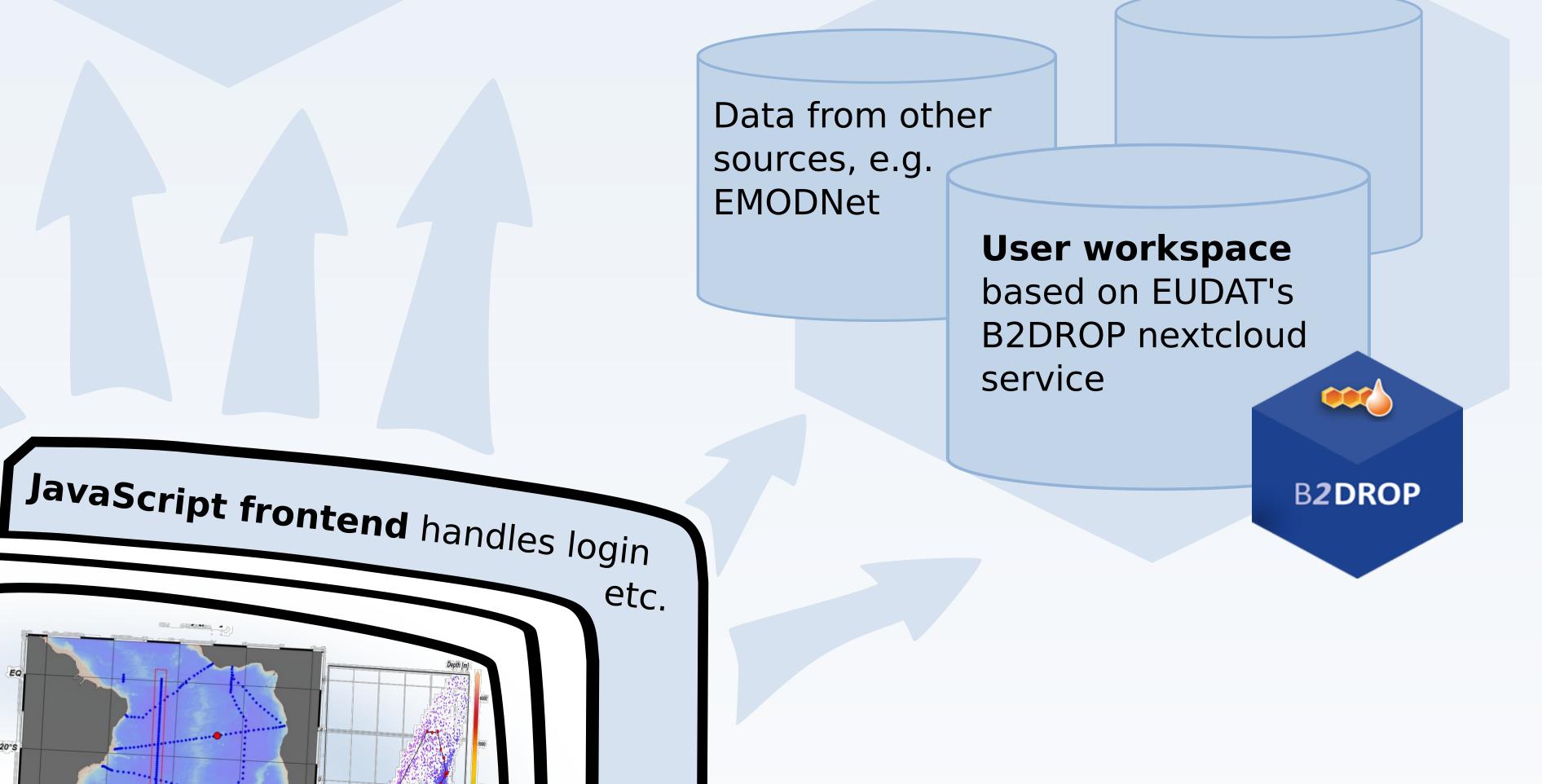
User interfaces can be diverse – GUI-based or Jupyter-Notebook-based or simple REST APIs.

> Data is mounted via WebDAV into the container hosts.





alisation and analysis of marine data

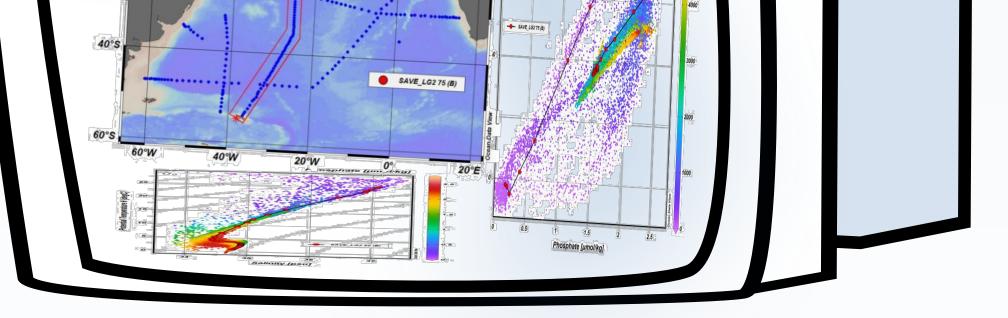


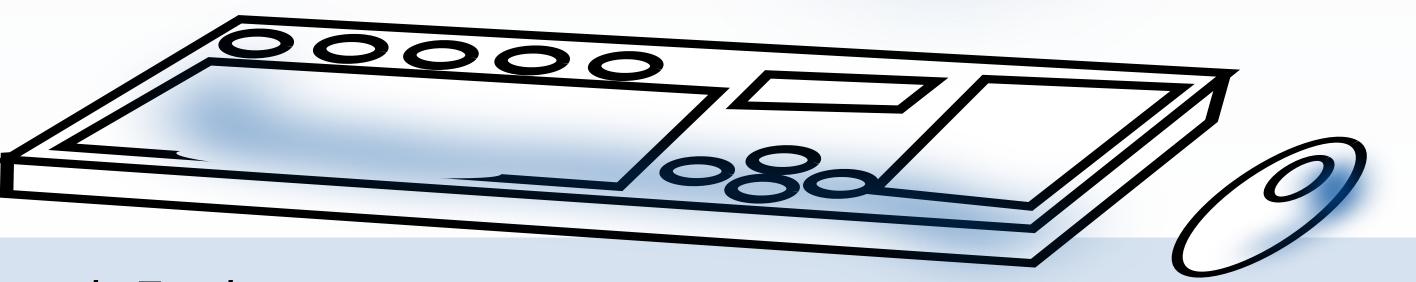
MARINE U

B2ACCESS B2ACCESS B2ACCESS B2ACCESS service and Marine-ID

Curious?

Talk to us or email us at buurman@dkrz.de and peter@maris.nl







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The SeaDataCloud Virtual Research Environment: The Technical Perspective

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