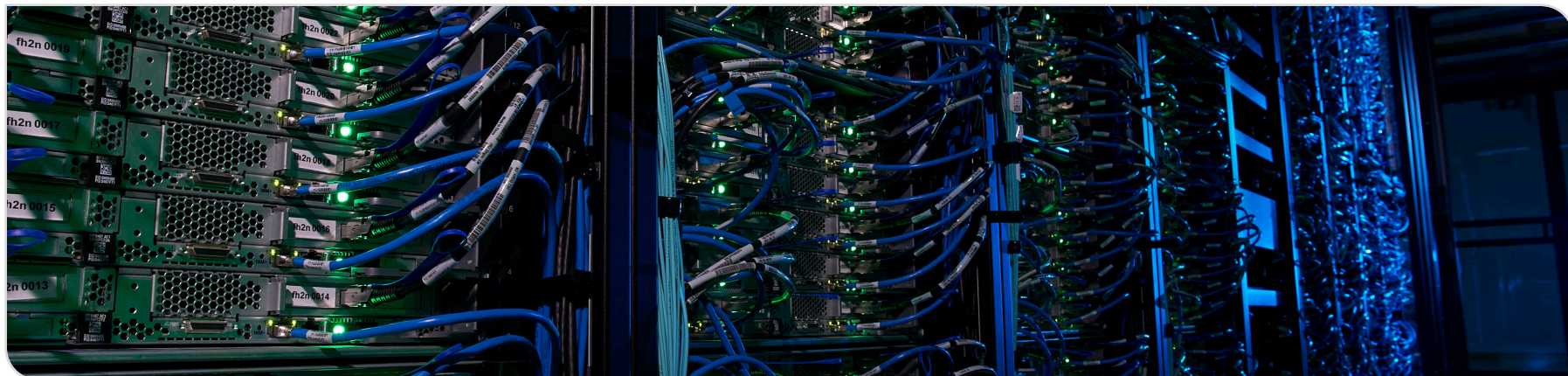


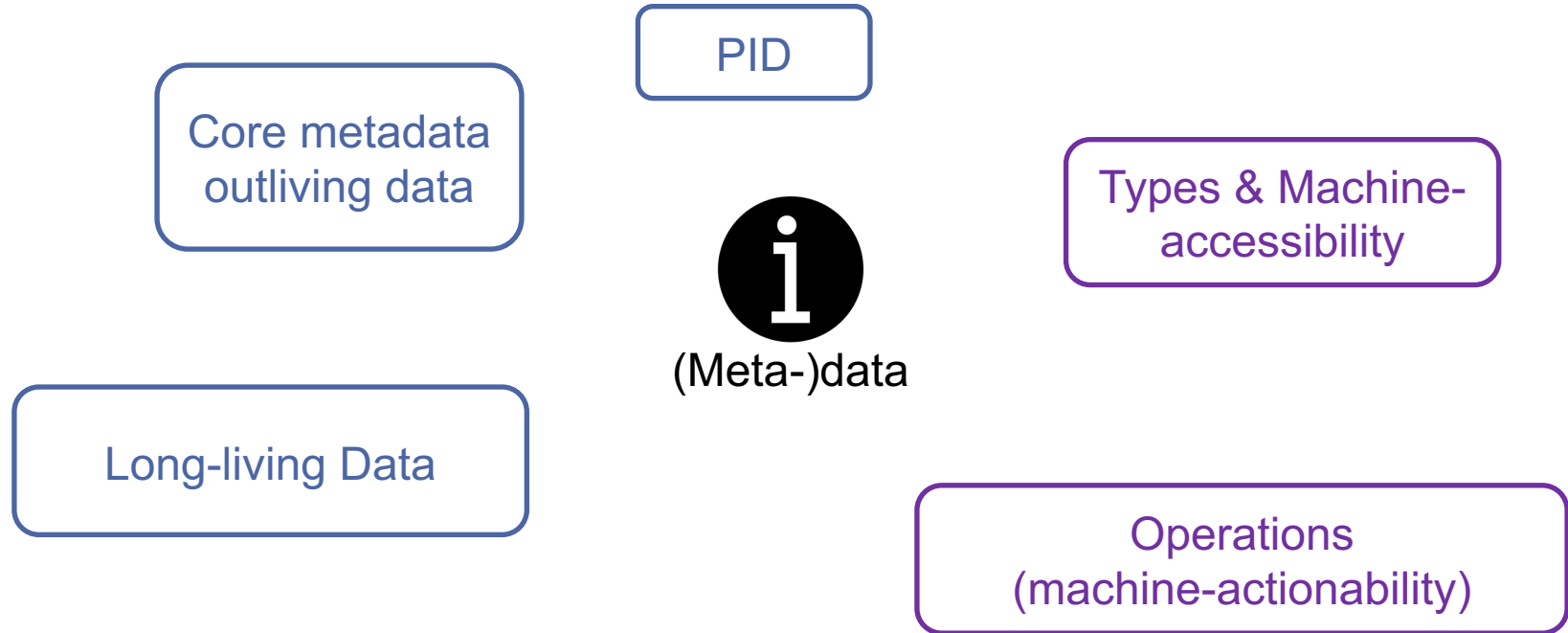
A conceptual model for a FAIR DO fabric

Andreas Pfeil

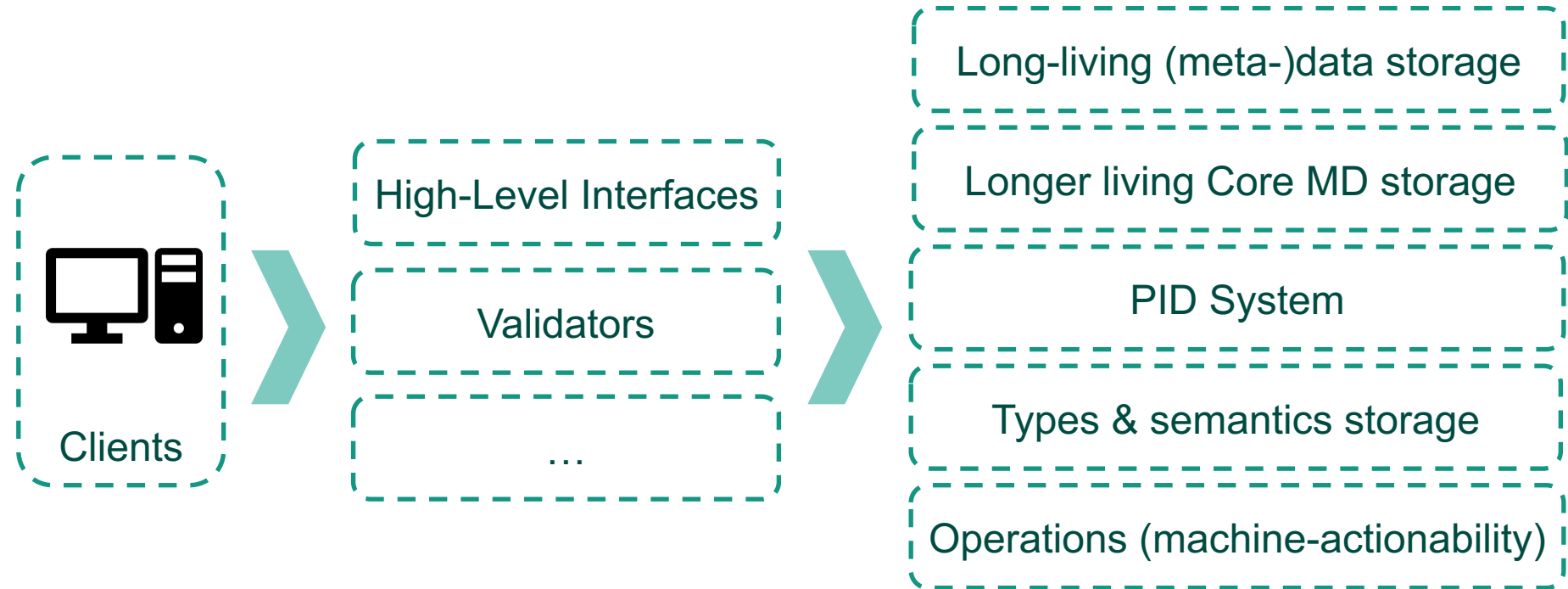
Helmholtz Metadata Collaboration Platform, NFDI4Ing, NFDI-MatWerk,
RDA IG FAIR DO Fabric, FDO Forum, and more
DFG project numbers 442146713 & 460247524

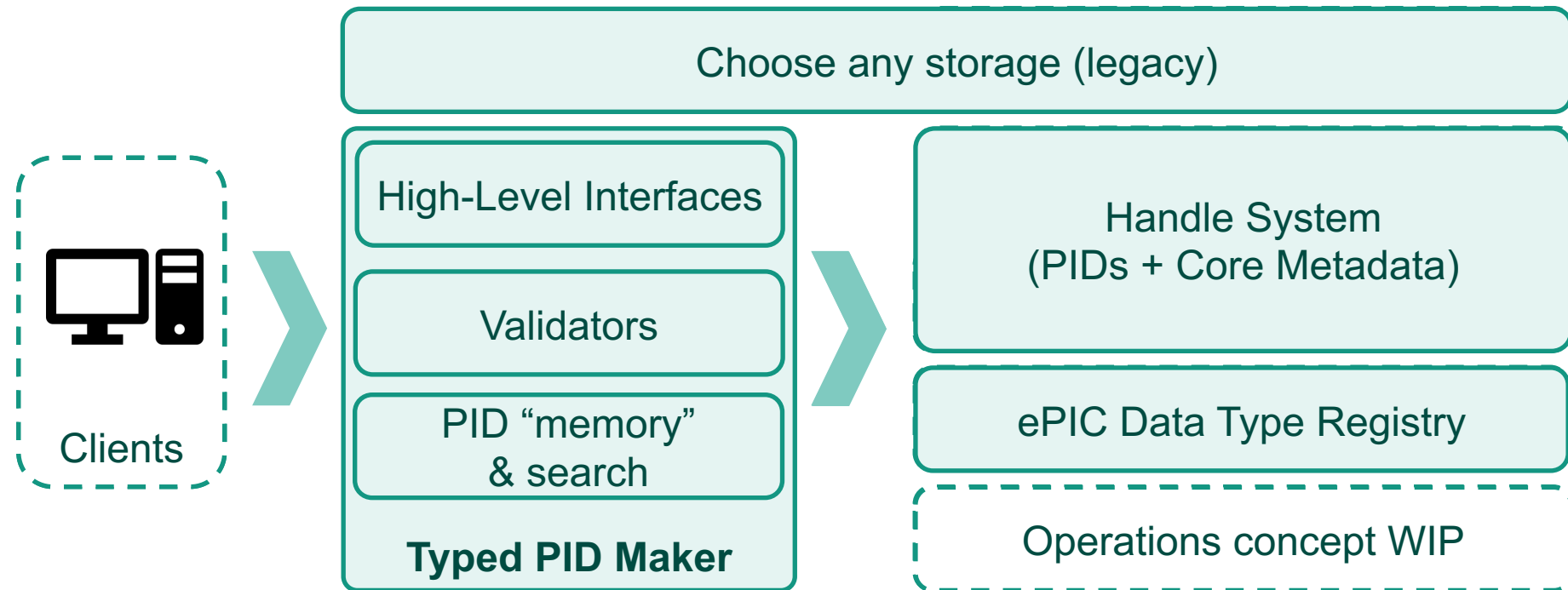


FAIR DO – Simplified Breakdown

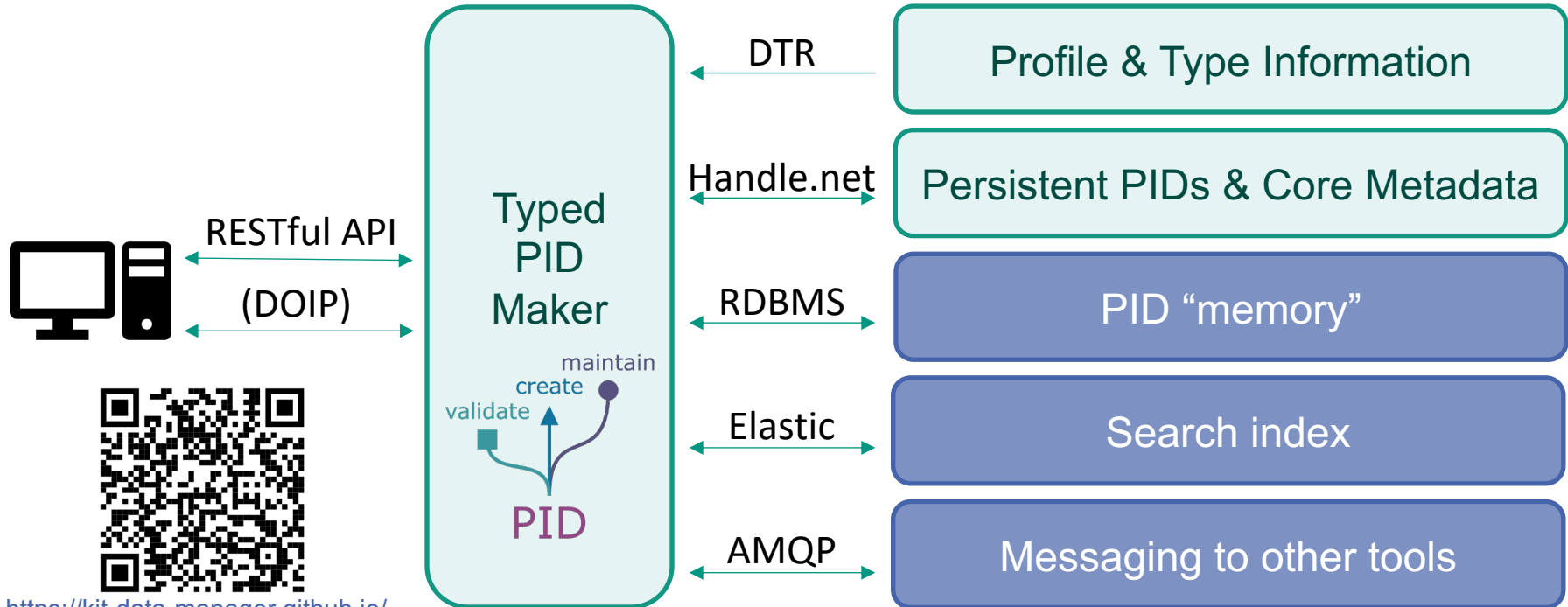


Required tooling and storage





Typed PID Maker



<https://kit-data-manager.github.io/webpage/typed-pid-maker/index.html>

FAIR DO Lab and first tools

FAIR DO Lab: A docker-compose setup for experiments with the concept.

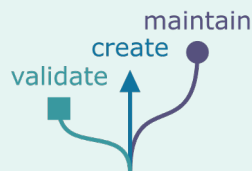
Sandboxed PID system
by default

Message Broker
(RabbitMQ)

Search Index
(Elastic)

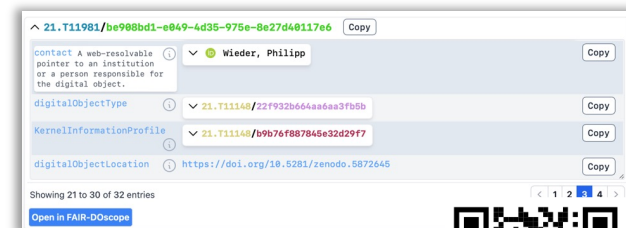
FAIR-DOscope

Collection Registry

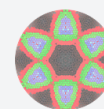


Typed **PID** Maker

<https://kit-data-manager.github.io/webpage/fair-do-lab/index.html>



<https://kit-data-manager.github.io/pid-component/>



FAIR-DOscope

Explore the facets of FAIR Digital Objects

<https://kit-data-manager.github.io/webpage/fairdoscope/index.html>



Demo Server



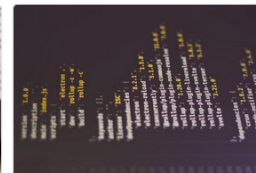
BaseRepo

Manage and access your research data described by DataCite metadata.



BaseRepo Search UI

An exemplary search UI for metadata within information indexed by the BaseRepo instance of this demonstrator.



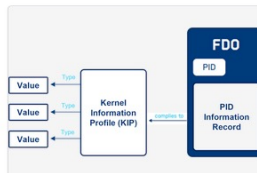
MetaStore

Manage and access your metadata schemas and documents.



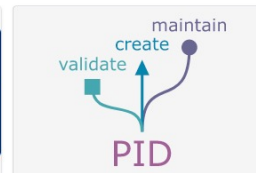
MetaStore Search UI

An exemplary search UI for metadata within information indexed by the MetaStore instance of this demonstrator.



FAIR DO Search UI

A basic search UI for querying FAIR Digital Objects indexed by the Typed PID Maker instance of this demonstrator.

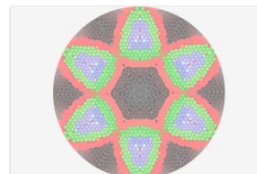


FDO Builder UI

A graphical way to build FDOs on top of the Typed PID Maker.



<https://demo.datamanager.kit.edu/>



FAIR-DOScope

FAIR-DOScope is an easy-to-use, generic FAIR Digital Object viewer and browser.

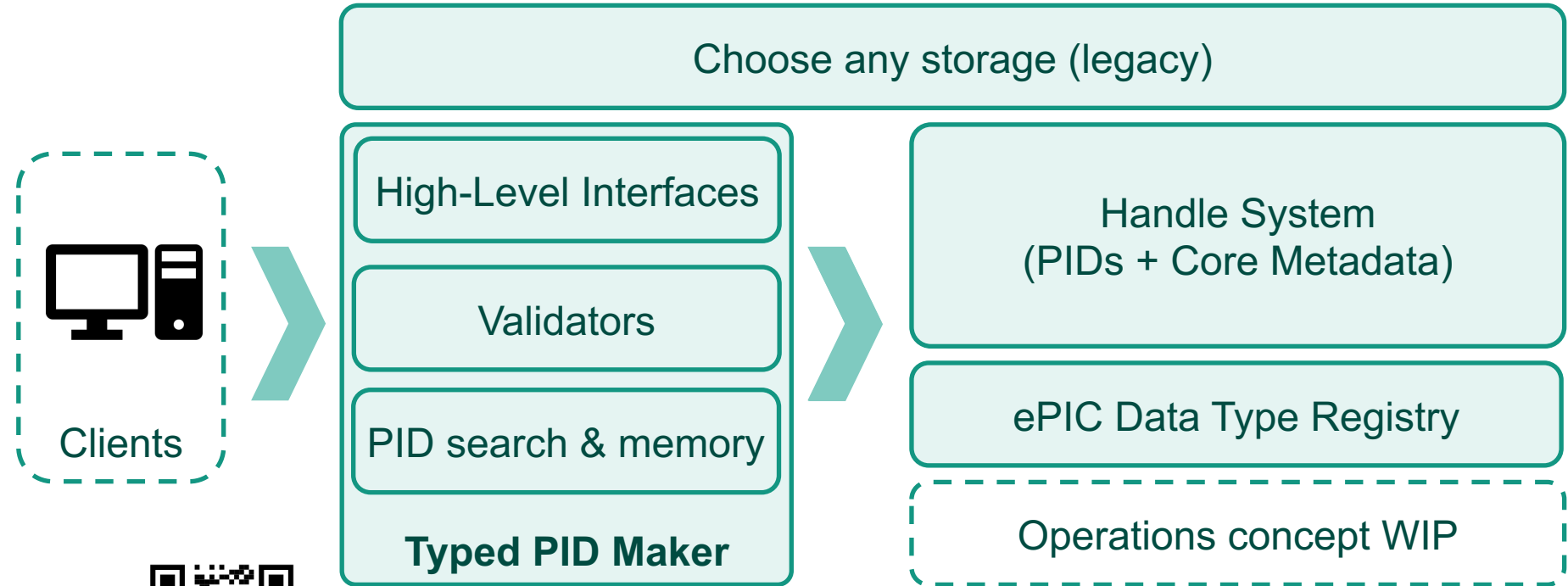


Monitoring UI

A clean and extensive monitoring UI for the demonstrator's backend services.

⚠ Only for internal use. ⚠

Summary



<https://demo.datamanager.kit.edu/>