Science

Code?
Which? Where to find?

Computer?
Local, C4P, HPC

Simulation

Results

Diagnostics/Visualization

Publication PhD

Workflow for a simulation project

Aimed at

PhD student and **experienced researcher**

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Workflow for an simulation project

on a level equally accessible for
PhD student and **experienced researcher**

Based on **FAIR** principles

Science

Code?
Which? Where to find?

THREE TYPES OF DATA ARE FED INTO THE SYSTEM

Computer?
Local, C4P, HPC

Simulation

Results

Diagnostics/ Visualization

FAIR Data
DOI
Metadata

Publication
PhD

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WORKPLAN

Code?
Which? Where to find?
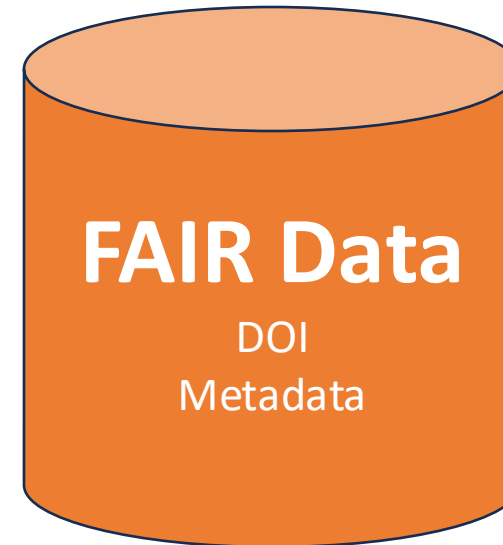
Computer?
Local, C4P, HPC

Simulation

Results

Diagnostics/ Visualization

DONE
- Code catalogue

- C4P
- HPC bench marks
- Community connection
- FAIR DATA

TO DO
- Archive lists
- Software development

- CPU/GPU computing

- Simulation plan
- Code adapted to physics

- Formats
- Tools for metadata production

- Formats
- Tools for metadata production

FAIR Data
DOI
Metadata

- Towards Fair astro simulation guide
- S4P
- C4P
- Metadata schemes
- DOI
- Connection between parts
- Tools for data publication
- ...

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Simulations

Data banks

Observations

PUNCH PORTAL

FAIR Data

DOI

Metadata

Machine Learning

External Data Provider

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