

# LIKED and DIARieS

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DEVELOPING THE NEXT GENERATION  
HELIOPHYSICS RESOURCES

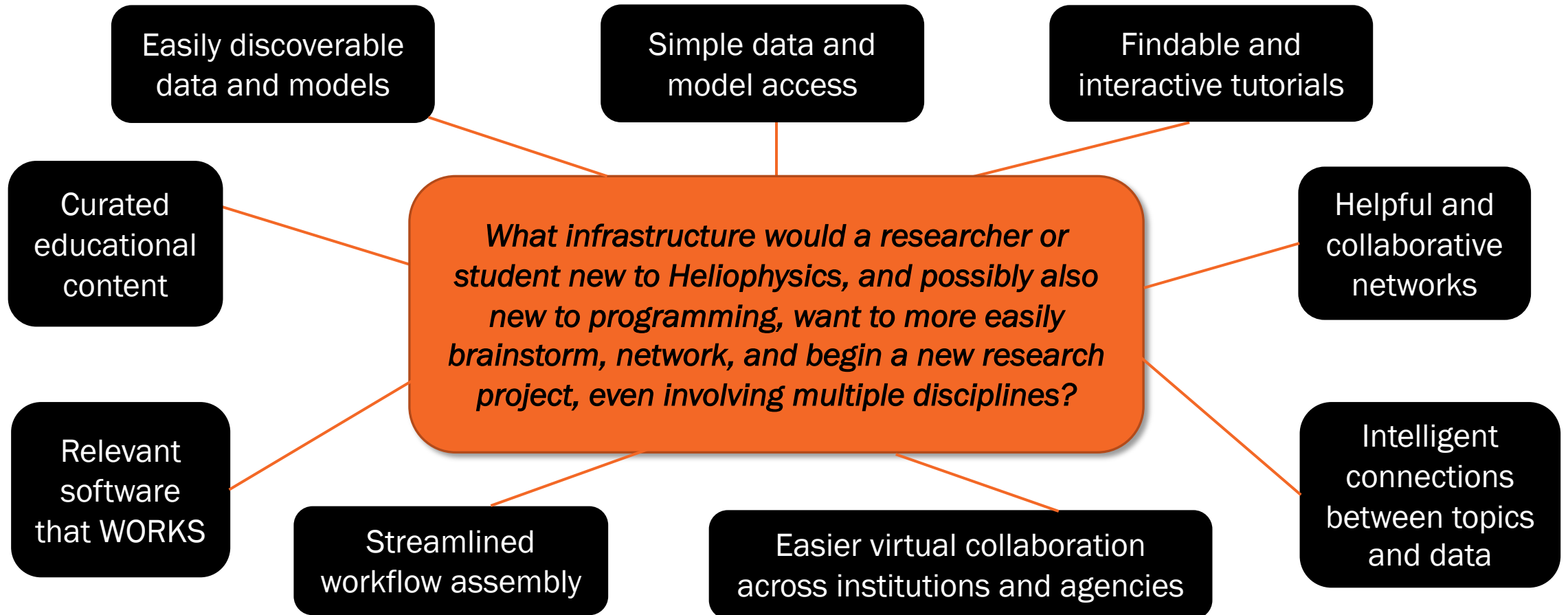
*R. Ringuette, A. Engell, O. Gerland, R. M. McGranaghan, and B. Thompson.*

IHDEA 2021



# Motivation

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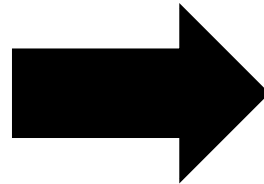


# Proposed Solution

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## **LIKED**

A **L**ibrary **K**nowledge**E** and **D**iscovery online resource for discovering and implementing knowledge, data, and infrastructure resources.

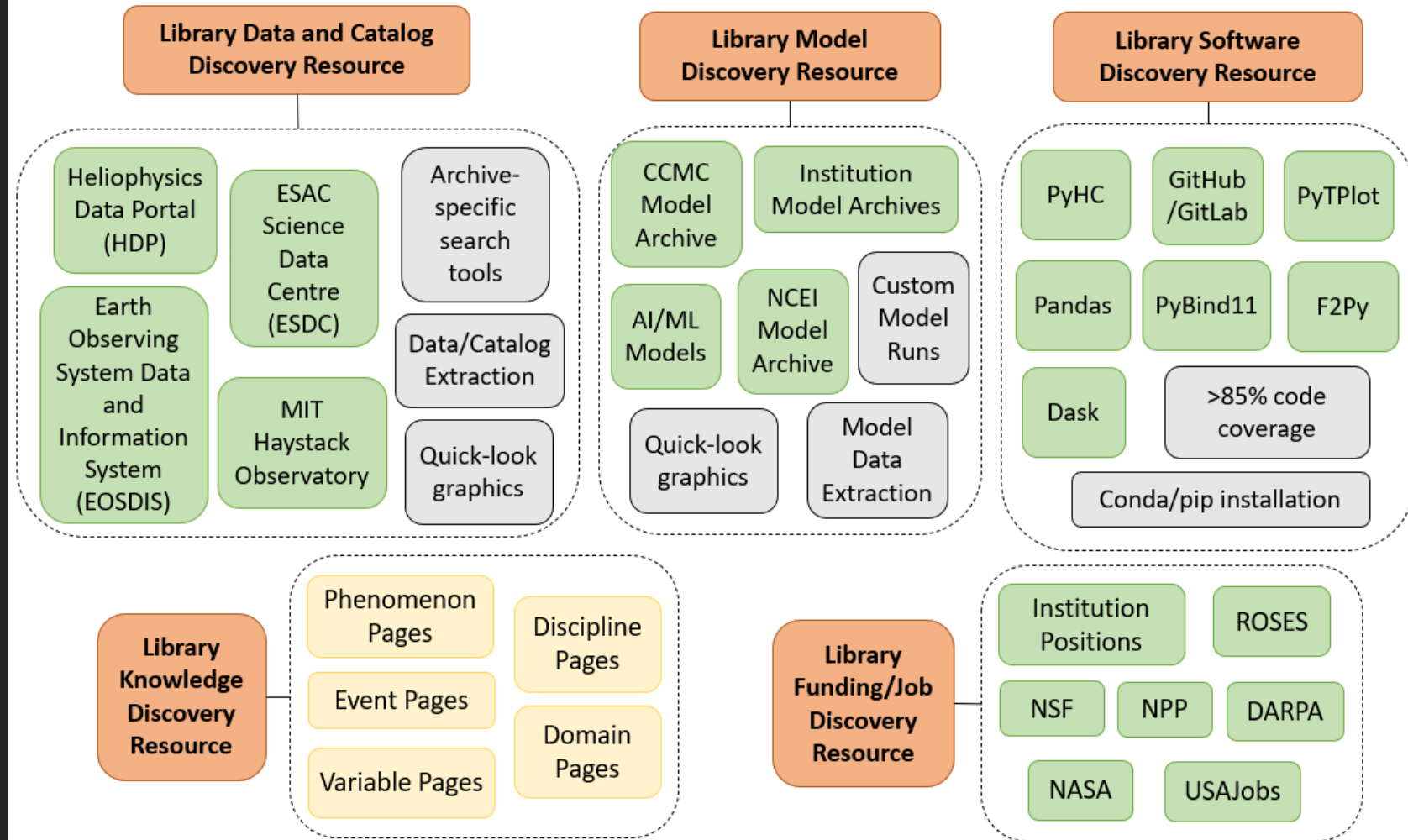


## **DIARieS**

An ecosystem to simplify **D**iscovery, **I**mplementation, **A**nalysis, **R**eproducibility, and **S**haring of scientific results and environments.

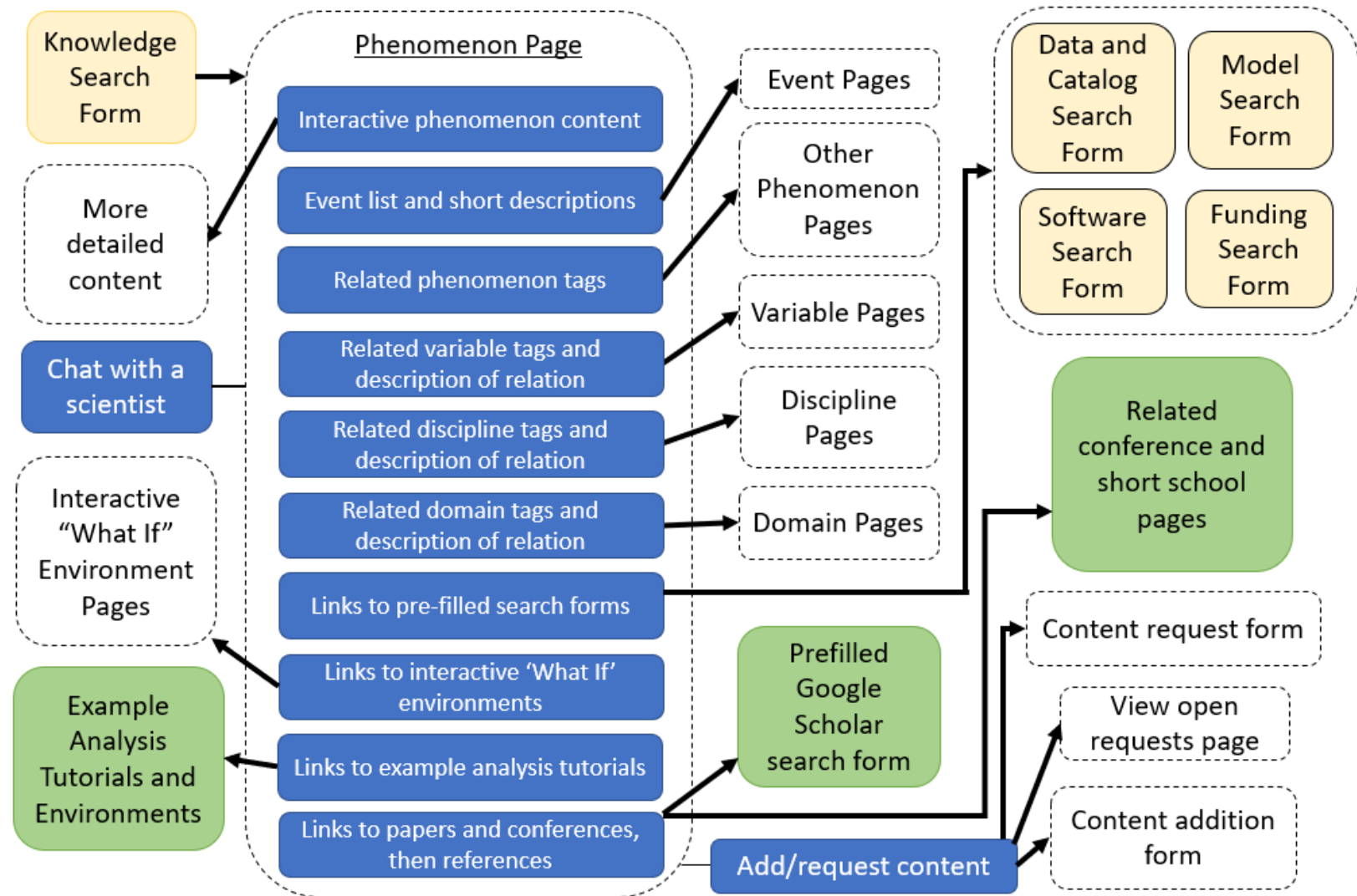
# LIKED: Putting the F in FAIR

- Build a system of systems via simplified parameters
- Leverage currently existing archives and resources
- Work towards a standard set of microservices
- Increase connections
- Extend to areas outside of Heliophysics



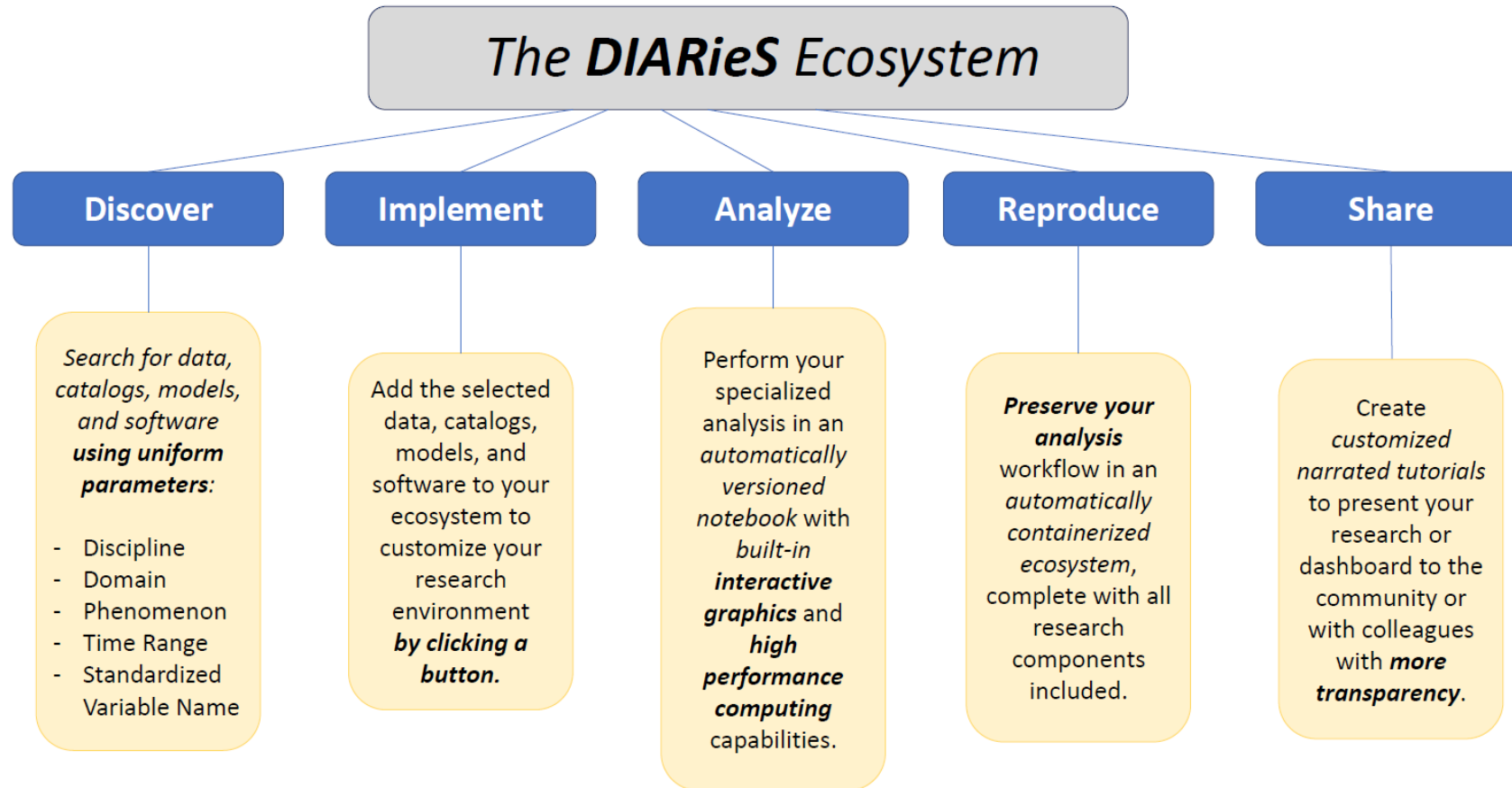
# LIKED: Putting the F in FAIR

- Collaboratively build a central ideation resource
- Connect educational content to Heliophysics resources
- Encourage content discovery across research areas
- Promote and create interactive content to attract new talent

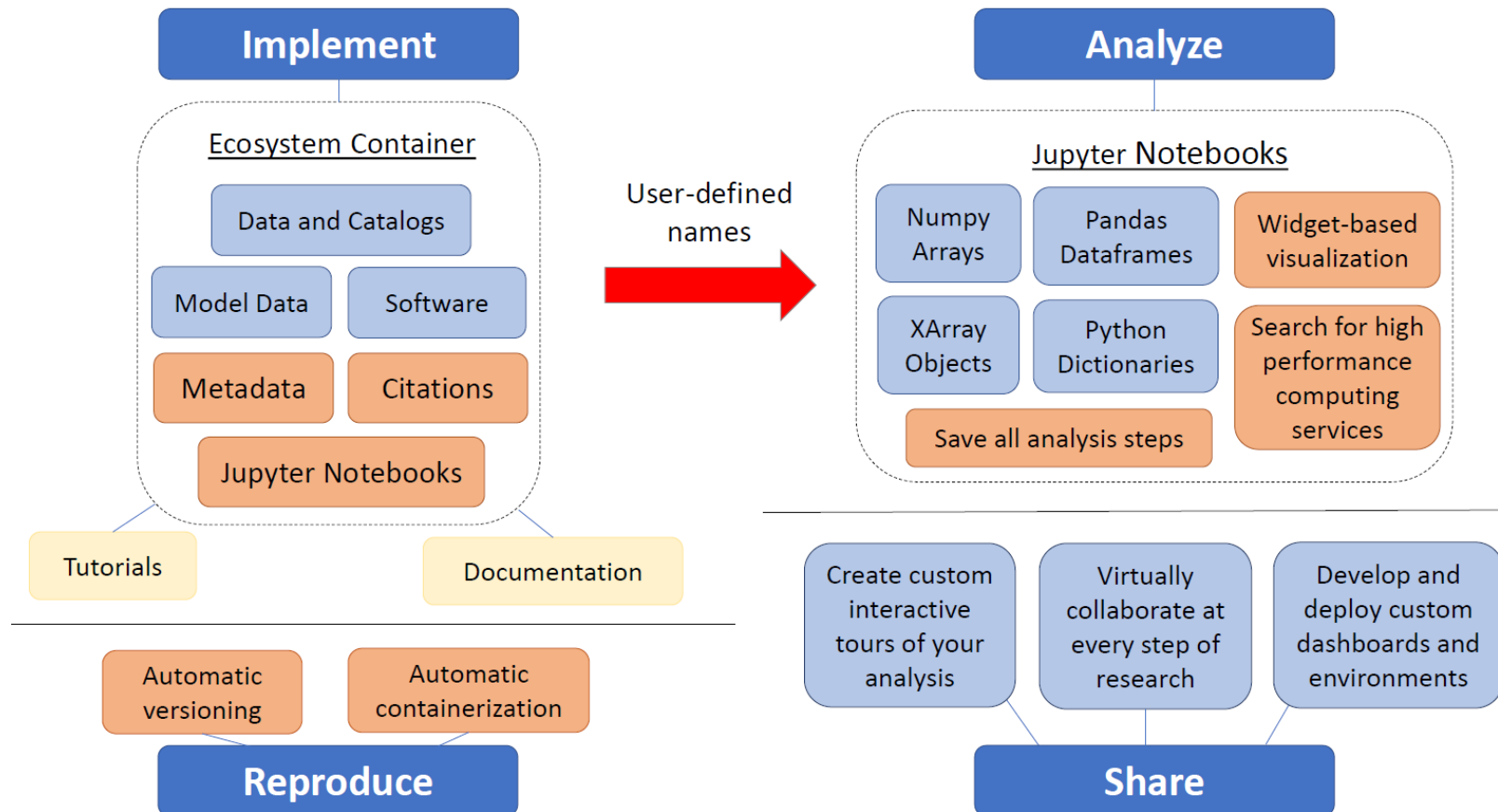


# DIARieS: Simplifying AIR

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# DIARieS: Simplifying AIR





# Summary

[https://drive.google.com/file/d/1FBBHjgLUu4sr1JYP-10hVKnqb-fb32q\\_/view?usp=sharing](https://drive.google.com/file/d/1FBBHjgLUu4sr1JYP-10hVKnqb-fb32q_/view?usp=sharing)

<https://drive.google.com/file/d/1JExyj0CxGuUoRxJR4DwXqVc7ONw90QgW/view?usp=sharing>

Heliophysics currently needs a coordinated push to make our work FAIR and efficient.

*Unite*  
our archives  
based on a  
'system of  
systems'  
approach.

*Build*  
on the  
successes of  
current  
efforts and  
technology.

*Assemble*  
content from  
ongoing  
work and  
outreach  
time.

*We call on the community to work together  
on this goal to launch our field into the  
future.*

For more details, either scan the QR codes or click the links.