



# Research data management

Efficient planning and open FAIR data





**Congratulation !**



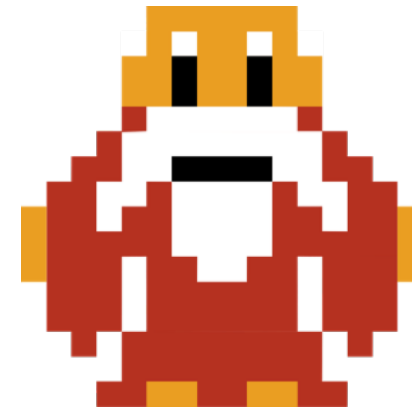
Time to do great science and  
gather data !

# Congratulation !



Time to do great science and  
gather data !

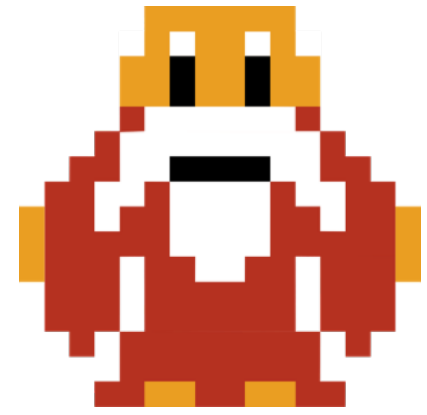




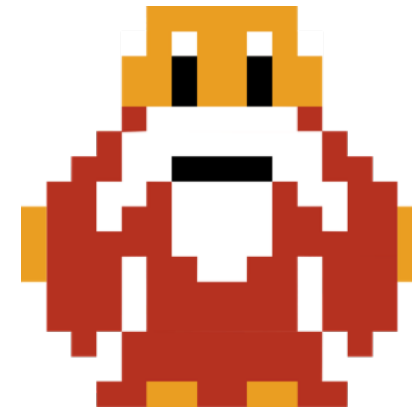
After publication, all data and materials [...] must be available to any reader.



Time to do great science and gather data !



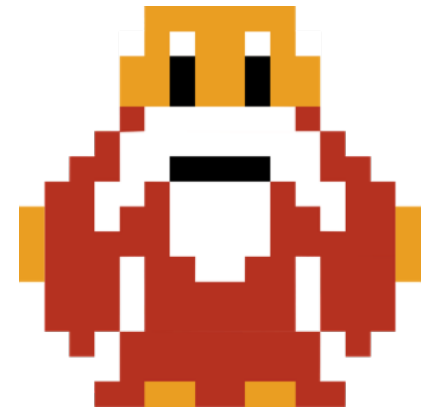
Research data should be made available as soon as possible. Data should be made accessible at a stage of processing that allows it to be usefully reused by third parties (raw data or structured data).



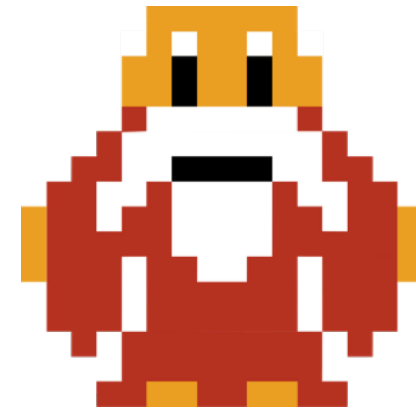
After publication, all data and materials [...] must be available to any reader.



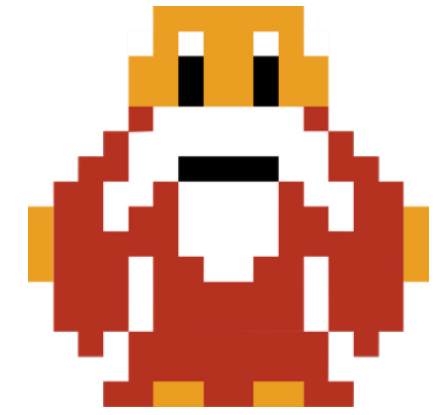
Time to do great science and gather data !



Research data should be made available as soon as possible. Data should be made accessible at a stage of processing that allows it to be usefully reused by third parties (raw data or structured data).



After publication, all data and materials [...] must be available to any reader.

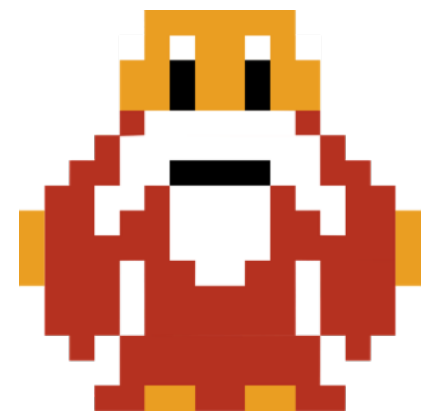


Staff is committed to the secure storage, processing, documentation and preservation of their research data for the long term.

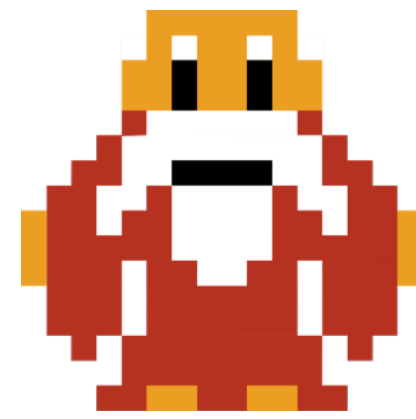


Time to do great science and gather data !

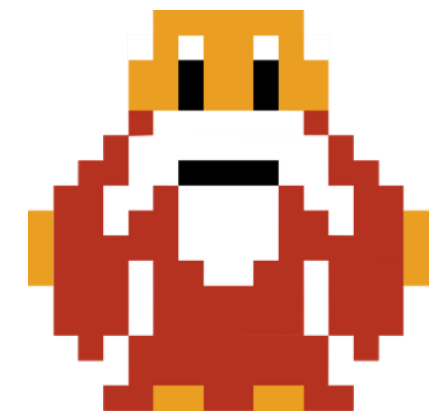




Research data should be made available as soon as possible. Data should be made accessible at a stage of processing that allows it to be usefully reused by third parties (raw data or structured data).



After publication, all data and materials [...] must be available to any reader.



Staff is committed to the secure storage, processing, documentation and preservation of their research data for the long term.



Time to do great science and gather data !

Research data should be made available as soon as possible. Data should be made accessible at a stage of processing that allows it to be usefully reused by third parties (raw data or structured data).

After publication, all data and materials [...] must be available to any reader.

Staff is committed to the secure storage, processing, documentation and preservation of their research data for the long term.

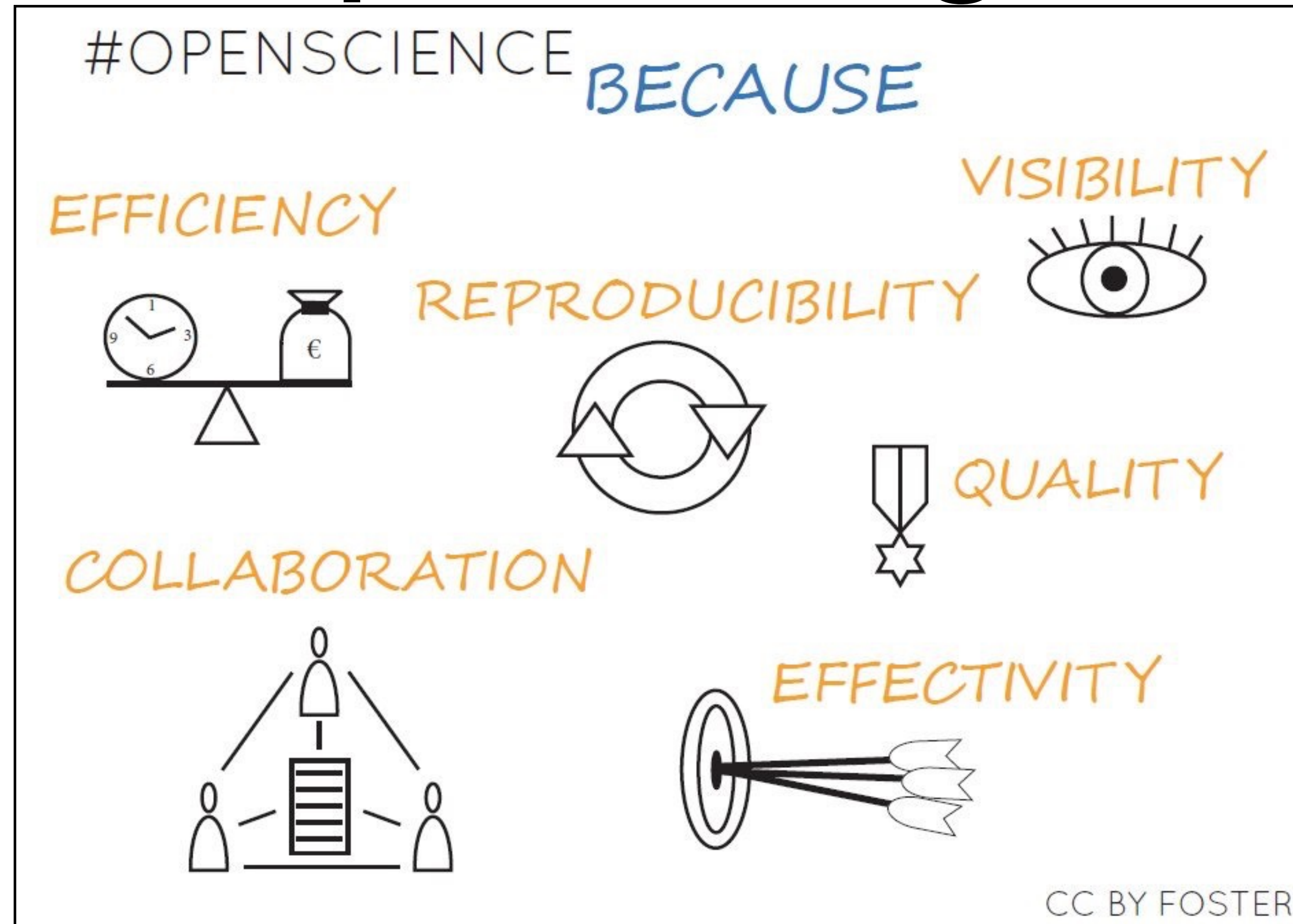


Time to do great science and gather data !

**You will need to comply with the Open FAIR data principles !**



You will need to comply with the Open FAIR data principles !  
**it is a complex but good thing !**



# Good news #1



# Good news #1



**Planning how your data will be gathered, stored and finally shared  
will save you (and your team) time !**



# Good news #1



you must submit a first version of your DMP (as a deliverable) within the first 6 months of the project.

**Planning how your data will be gathered, stored and finally shared will save you (and your team) time !**

# Good news #2

The data management  
fairies are here to help!



# Good news #2

The data management  
fairies are here to help!





# Technical tools



Computer and Media  
Service

# Technical tools



HU Box

Computer and Media  
Service

# Technical tools



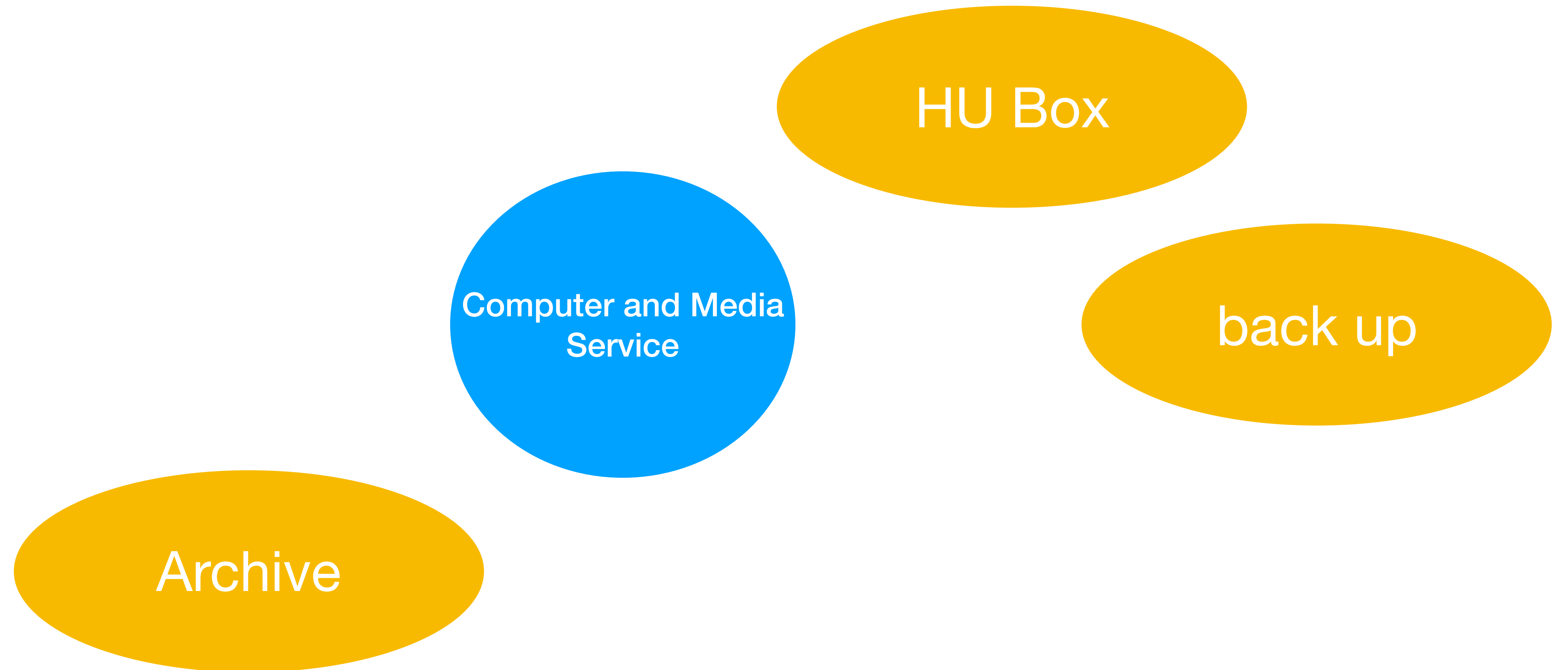
Computer and Media  
Service

HU Box

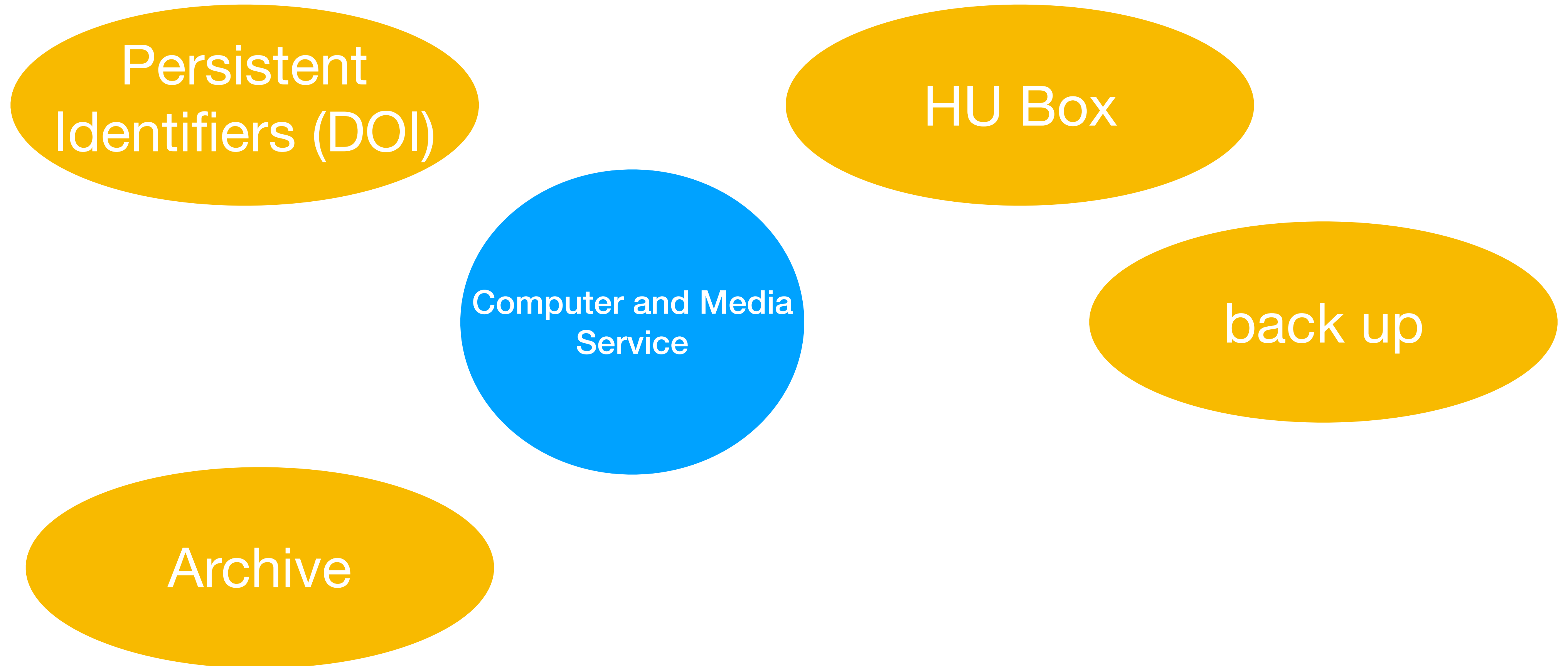
back up



# Technical tools



# Technical tools



# Technical tools



Persistent  
Identifiers (DOI)

HU Box

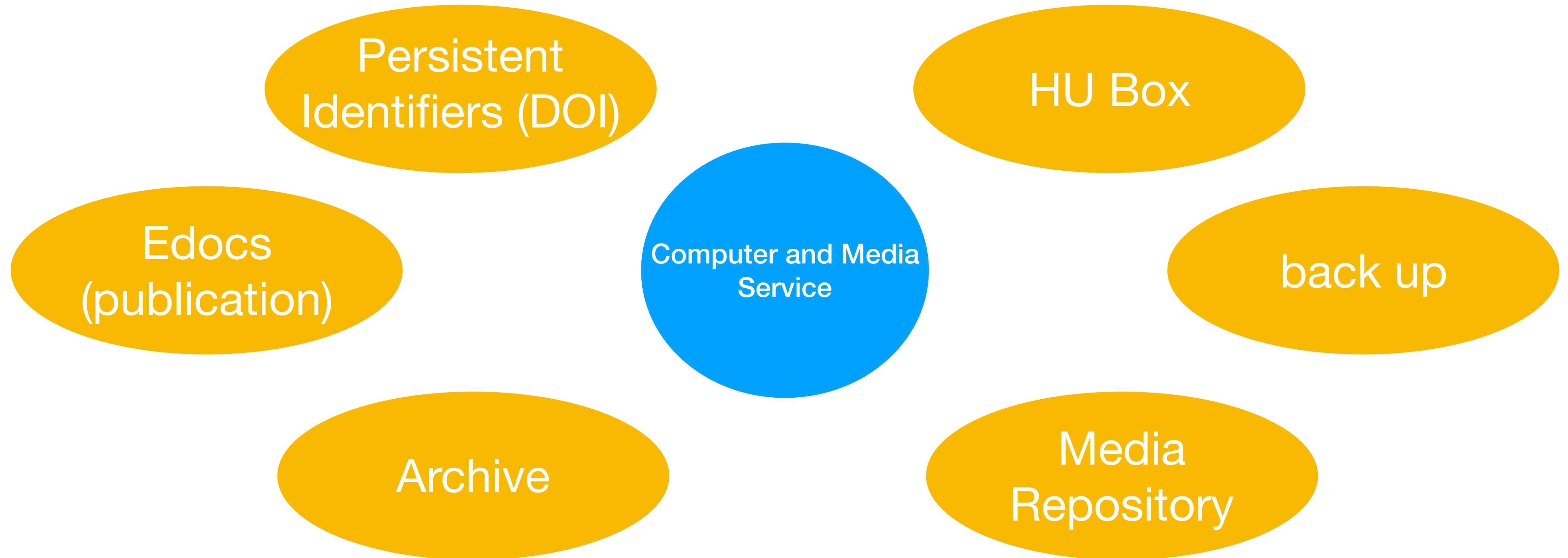
Edocs  
(publication)

Computer and Media  
Service

back up

Archive

# Technical tools





# We are there to help !



consultancy,  
training,  
Information

# We are there to help !



DMP

consultancy,  
training,  
Information

# We are there to help !



open FAIR data

DMP

consultancy,  
training,  
Information

# We are there to help !



open FAIR data

DMP

legal issues

consultancy,  
training,  
Information



# We are there to help !



open FAIR data

DMP

legal issues

consultancy,  
training,  
Information

find and cite data

# We are there to help !



open FAIR data

DMP

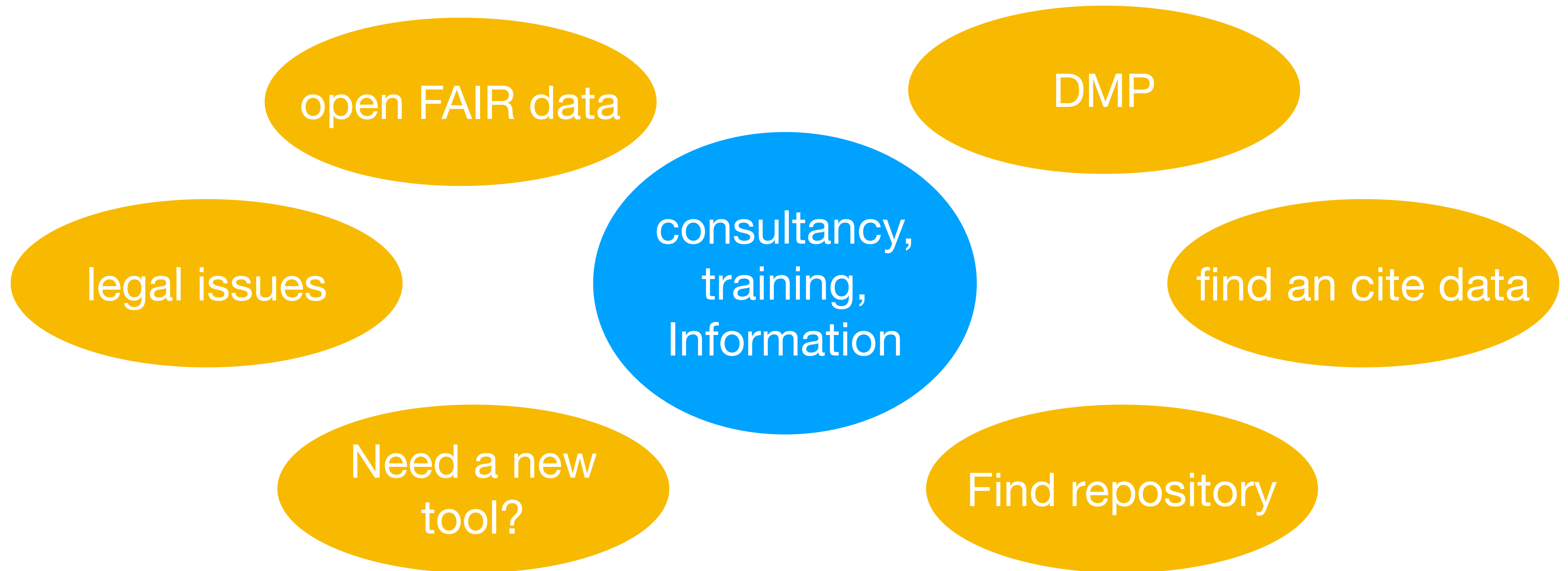
legal issues

consultancy,  
training,  
Information

find an cite data

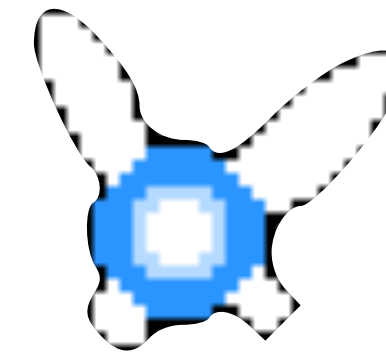
Find repository

# We are there to help !

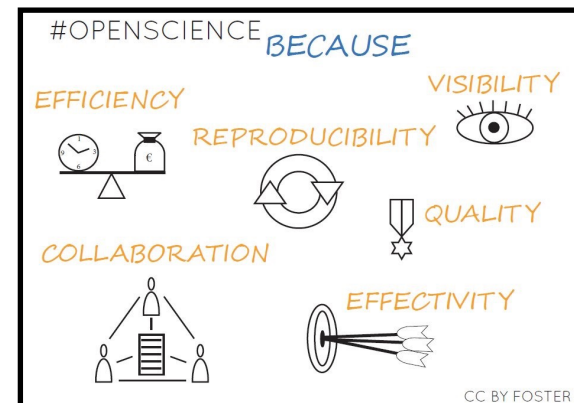




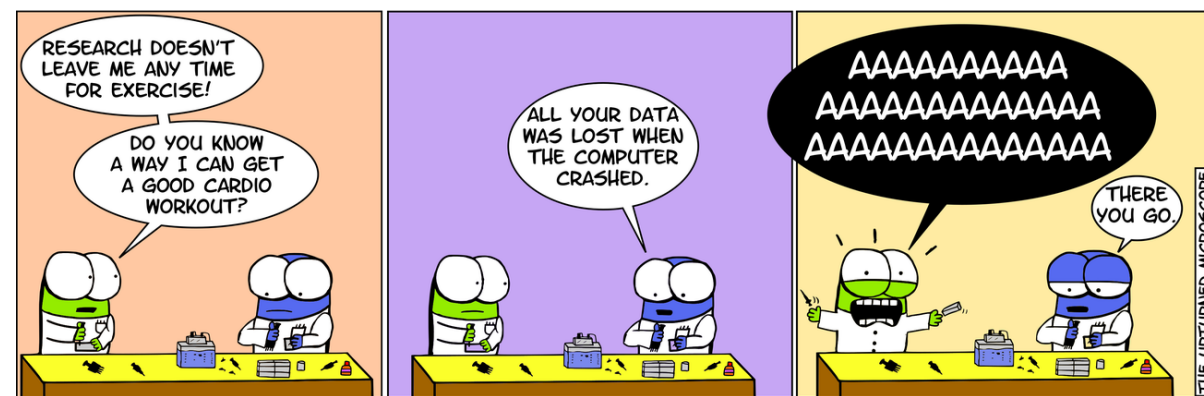
CC-BY 4.0, © Erin C. McKiernan, [whyopenresearch.org](http://whyopenresearch.org).



CC-BY 3.0, © dekulink28, [piq.codeus.net](http://piq.codeus.net)



CC-BY 4.0, © FOSTER, <https://doi.org/10.5281/zenodo.1050346>



CC-BY SA NC © Nik Papageorgiou, <https://theupturnedmicroscope.com/>

**(other images CC0)**

HU technical tools slide: Modified from <http://www.forschungsdaten.org/index.php/Datei:Foda-workshop-opening-dreyer-2018-05-29.pdf>



**researchdata@hu-berlin.de**

**[https://www.cms.hu-berlin.de/en/dl-en/  
dataman-en](https://www.cms.hu-berlin.de/en/dl-en/dataman-en)**