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# From hurdles to harmony: FAIR data management for plant phenotyping in EMPHASIS and ELIXIR communities

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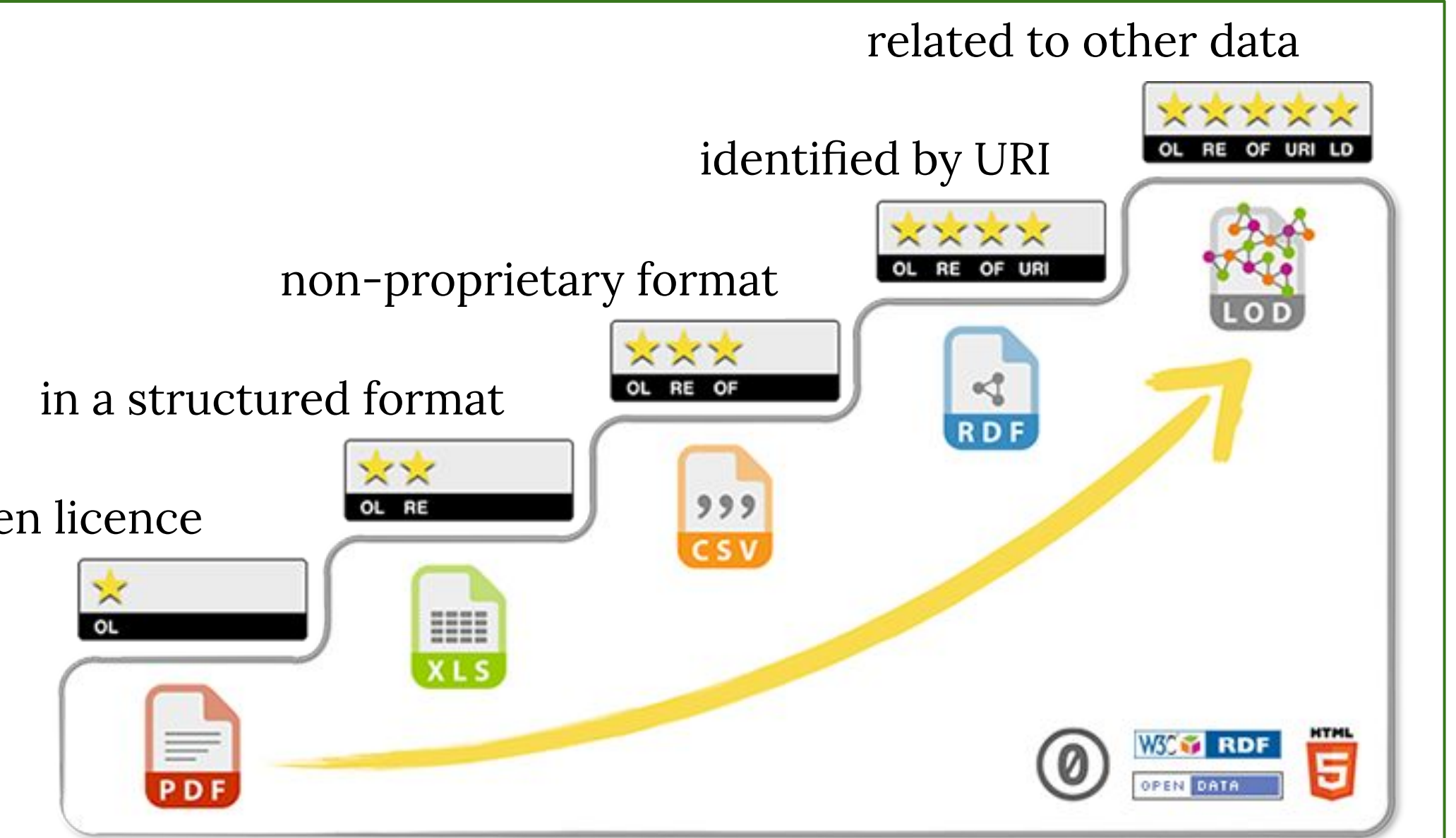
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## FAIR Check-list

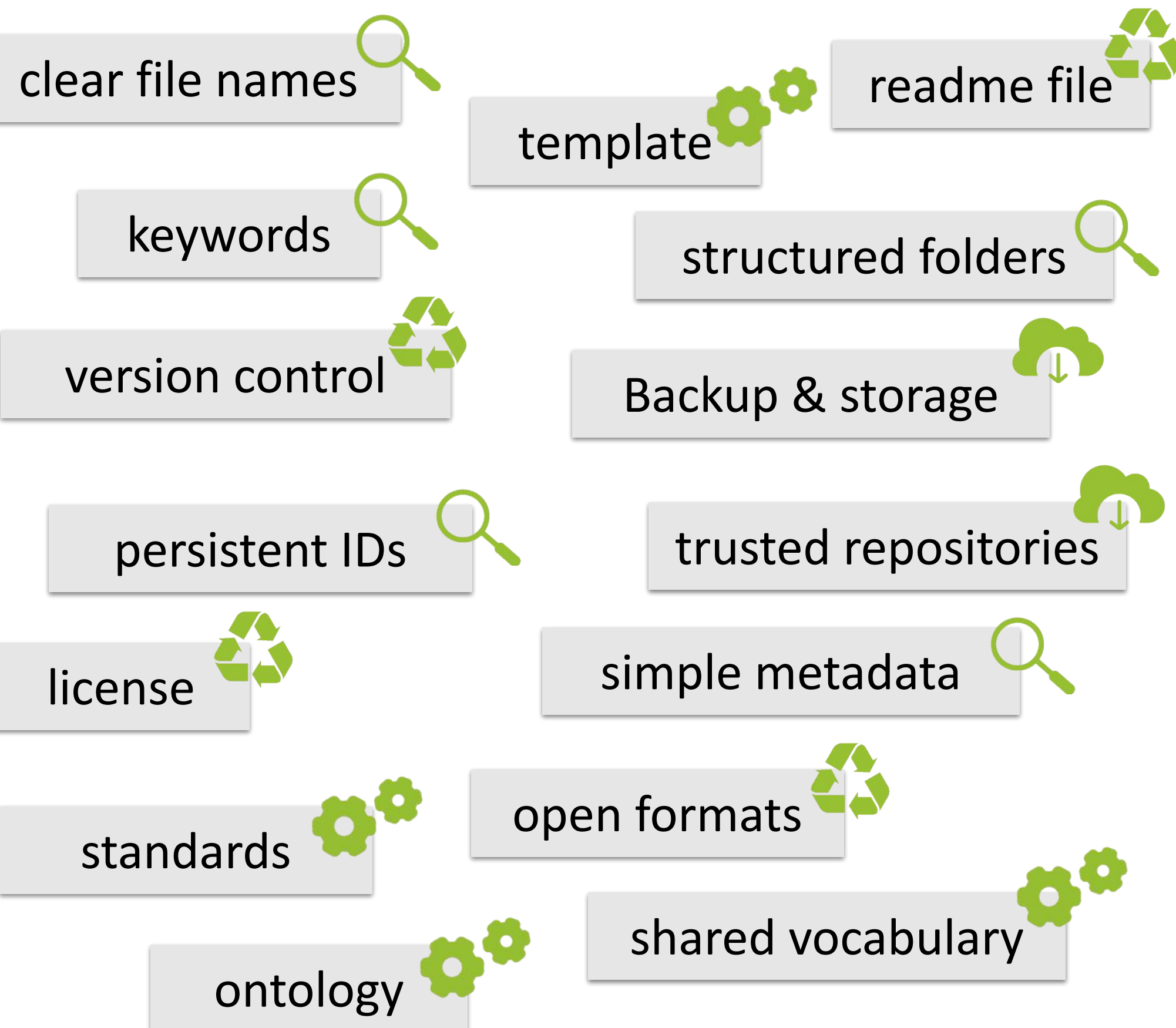
- What kind of data do I produce? (scientific scope, type, format, size)
- How do I organize data (files, database, ...)
- What standards can I use? (formats, controlled vocabularies, ontologies, file templates)
- Are data safe? (Secured server with backups?)
- How do I share data? (sustainable public repository)
- Could someone else understand and reuse my data without my help?



## FAIR In action



Whatever your perception of FAIR,  
you are (almost) already doing FAIR  
Build on what you already do!!



## FAIR Tools and services

Phenomics community: **EMPHASIS & ELIXIR** services and resources to help you throughout the data lifecycle

Portals & repositories



Open Information Sys.



Storage & computing



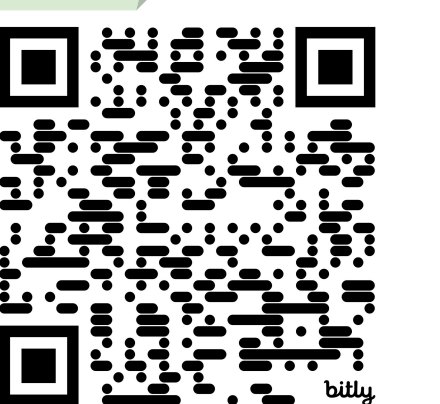
Guidelines & trainings



Standards & ontologies



Do you want to know more? [https://rdmkit.elixir-europe.org/plant\\_sciences](https://rdmkit.elixir-europe.org/plant_sciences)



## Key points

- FAIR is not complicated: you are already doing it
- Take it step-by-step: each small improvement matters
- You can rely on the phenotyping community services
- FAIR data management helps you, your team and the entire community

A FAIR success story within PHENOME-EMPHASIS  
PHIS information system

<https://www.phenome-emphasis.fr/>  
<https://urqi.versailles.inra.fr/aidare/>  
<https://opensilex.org/>

