

Recap of the e-Science Course

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<http://www.ebioscience.amc.nl/teaching/escienceGS>

Lecturers

- **Coordinator**
 - Silvia Delgado Olabarriaga, EDS, Amsterdam UMC – location AMC
- **Lecturers (in order of appearance)**
 - Lars Ridder (eScience Center)
 - Bob van Dijk (Amsterdam UMC, research support)
 - Paulo Heemskerk (Amsterdam UMC, ADICT)
 - Yin Chen (EGI)
 - Sorina Pop (CREATIS, FR)
 - Carlos Teijeiro Barjas (SURF)



Goals

- bring attention to new approaches that can be used for handling large-scale data in biomedical research, including processing, storage and collaboration.
- At the end of the course, the participant will
 - be familiar with new concepts and state-of-the-art,
 - understand how these new approaches relate to his/her own research, and
 - be able to apply some of these technologies and tools in practice.



Program

- Day 1: Introduction to computing and e-science
- Day 2: Large scale computing
- Day 3: Big research data management
- Day 4: European and national infrastructures

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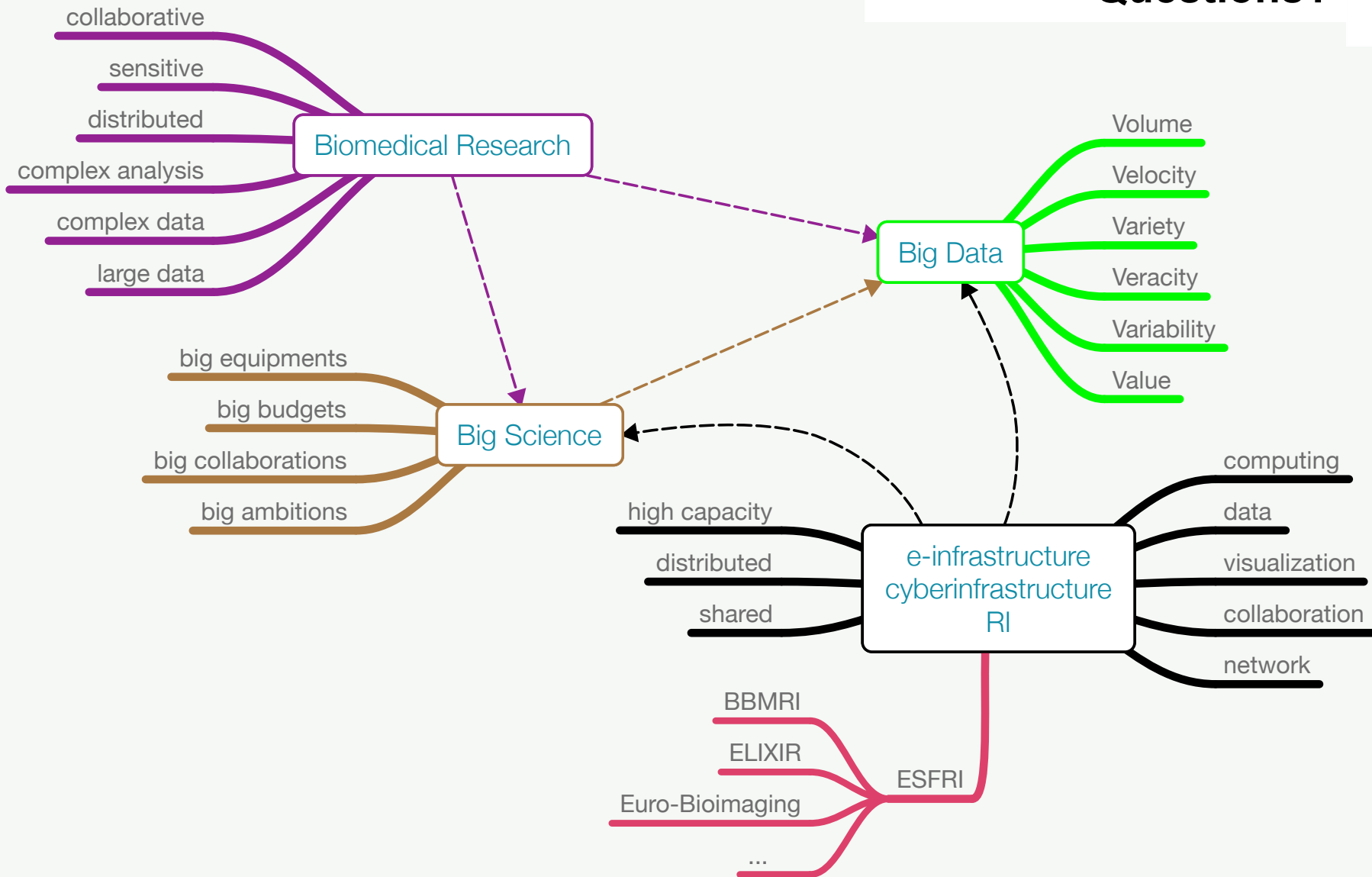
<https://redmine.ebioscience.amc.nl/projects/public-course-materials/wiki/EScienceCourseAMC2020>





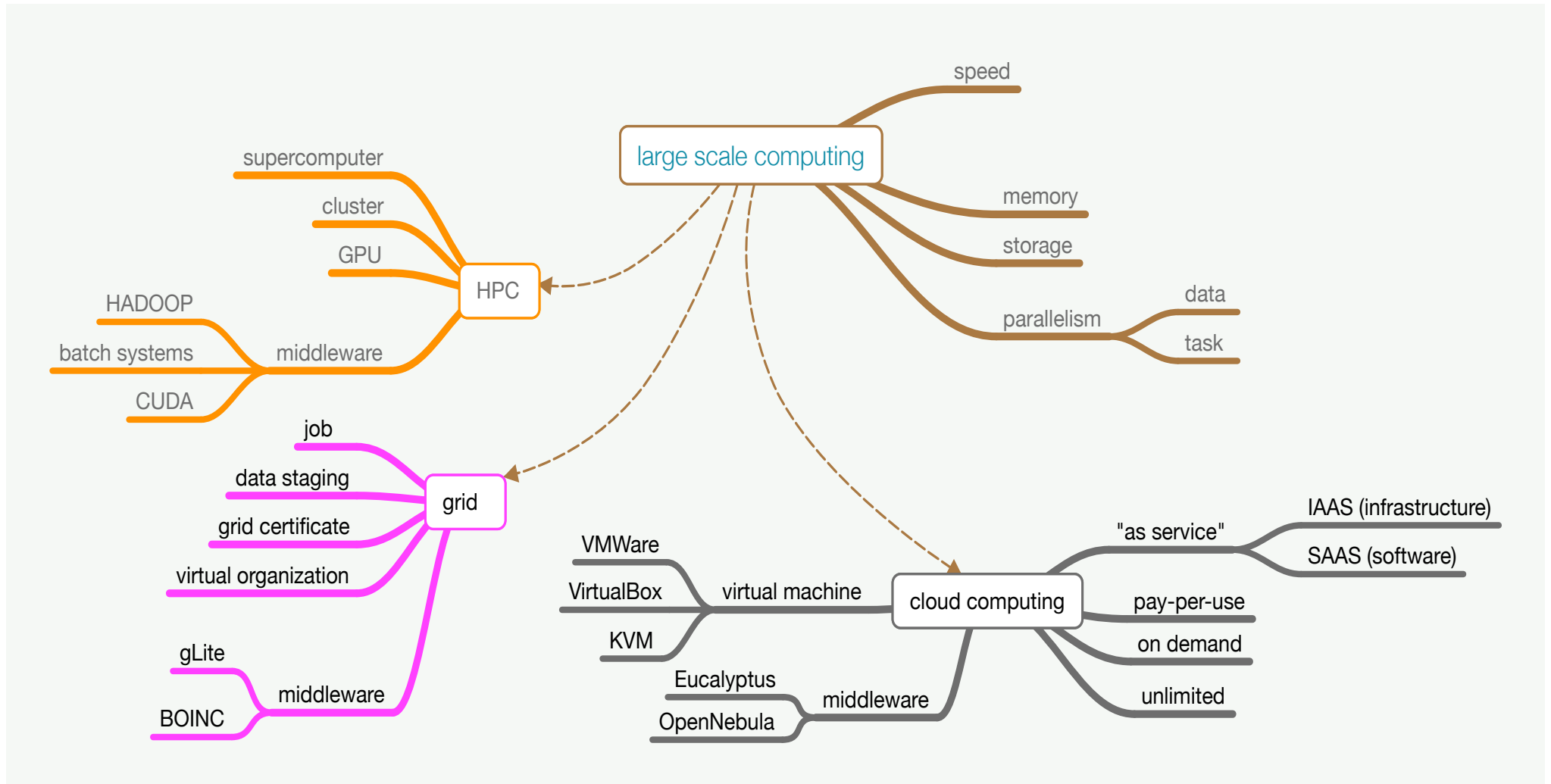
Recap day 1: intro

Highlights?
Take-home message?
Questions?



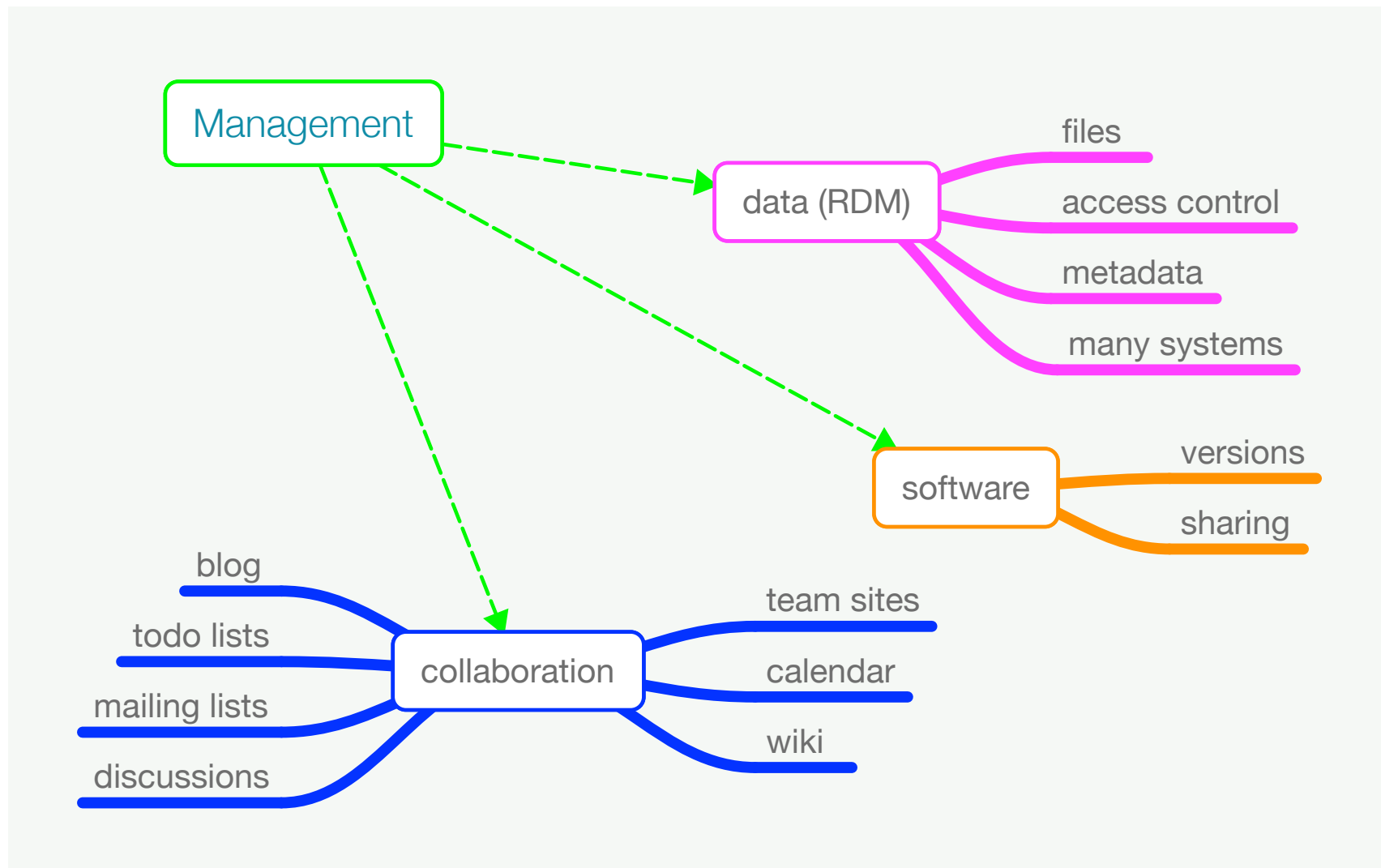
Recap day 2: Large-scale computing

Highlights?
Take-home message?
Questions?



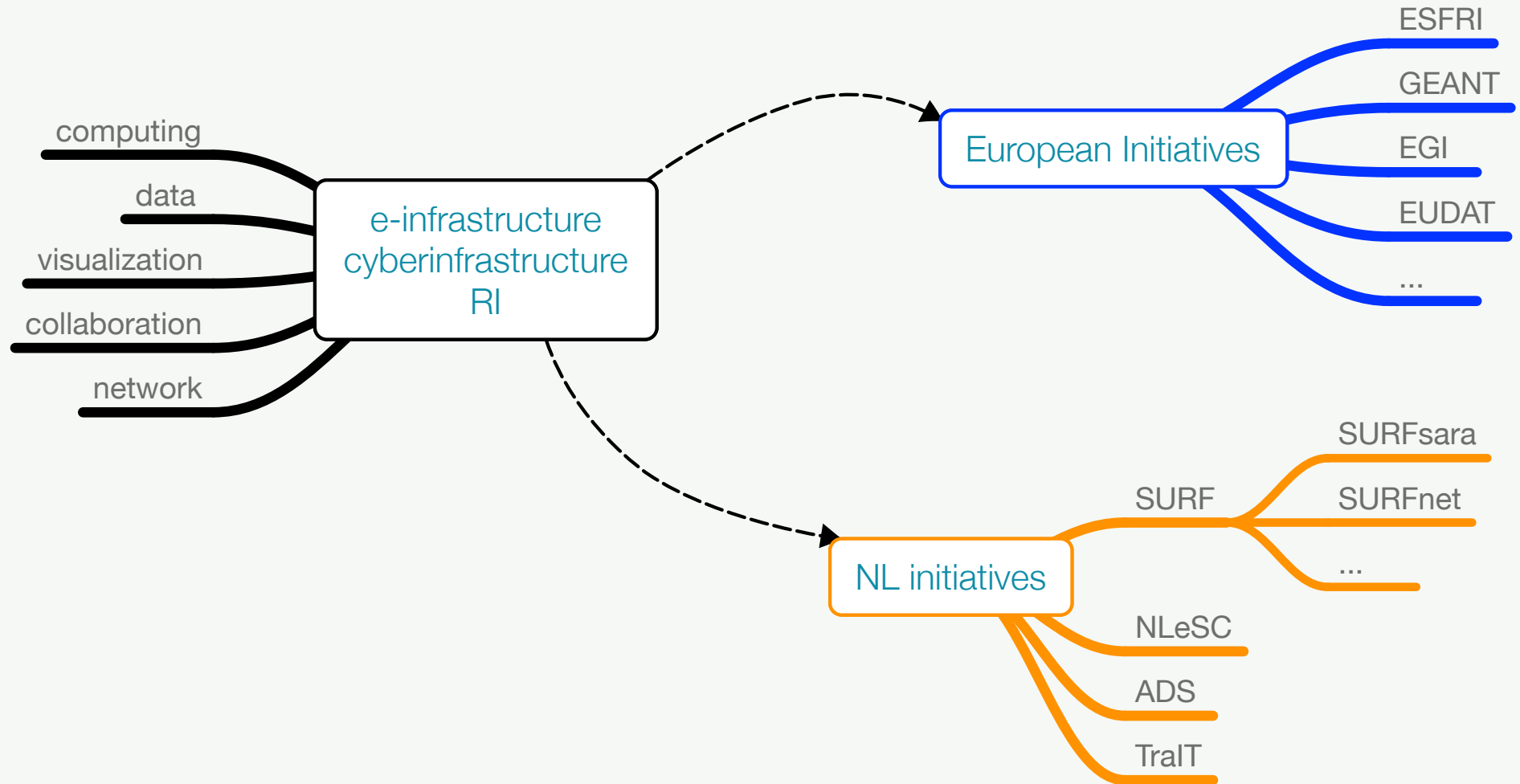
Recap day 3: Research Management

Highlights?
Take-home message?
Questions?



Recap day 4: Resources in NL & EU

Highlights?
Take-home message?
Questions?



What we have **not** covered in this course

- Scientific workflows
- Semantic web
- Provenance
- Linked data
- Open data
- Standards
- Security
- Science gateways
- Programming
- Data science
- Tools
- ...



Evaluation form
Suggestions for improvement

Thanks!

