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e-Infrastructures

A user perspective

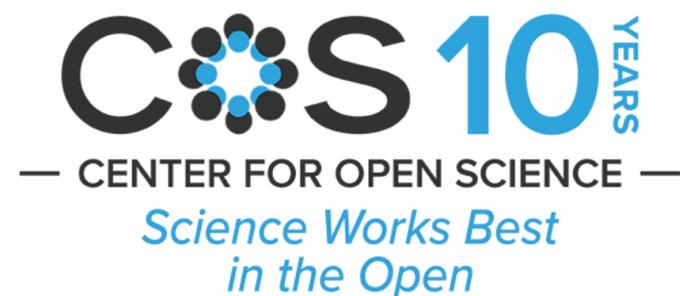
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Persona

Denis

*"I don't have time for this,
but I want to help"*



E-infrastructure goals

OS Products: Share and promote my research products, find useful data

OS Processes: Share my processes, leverage out-sourced processes (data analysis)

Enable Collaboration: Work easily with remote labs/researchers

Empower students: Give my students an edge

Profile

Personal: Irish, Dad with kids, Gen X

Professional: Senior academic

User environment: University, Human Sciences, time poor, teamwork, low support, code in R, Python

Psychographics: OS advocate, early tech adopter, free is the best price, impact

Scenario – Research Team

"Let's share these data from our project"

Where can we store the data?

How do we protect our participants?

How can we make the data accessible to those who find it?

Find out what a DMP is

If we don't know by this evening, forget it



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Current e-Service Usage

- Open Science Framework
 - Flexible, citable outputs, 'recipes' for pre-registration and other use cases (DMP)
- Github
 - Effective version control, sharing, code-friendly
- Google docs
 - Best in class shared docs
- Onedrive, dropbox, google drive





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EOSC Future

- Member of User group
- Massive potential
 - Over 300 assets
- User experience needs work
 - Easier 'way-in' for various user types
 - More obvious payoffs
 - Serve my goals
 - Time poor – why invest time





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Challenges

- Senior academics
 - have little time
 - established habits
 - don't like to look bad
 - are hard to reward
- Science with humans
 - needs support for ethics and data management





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Ideas

- Get 'em while they're young
- Incorporate e-infrastructure training into undergrad research
 - Currently using OSF for vertically integrated projects at Galway
 - Github, Onedrive etc in place
- Incorporate e-infrastructure training into doctoral training
 - Training in OSF part of library training at Galway





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Thank you

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