



Current Trends
in
Web Engineering

Current Trends in Web Engineering

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Important MUST-DO Homework

- Goal is to discuss the technologies, architecture, principles, methods, and processes used in the new trend defined by the project **solid**, which focuses on giving users control over their data back in a revolutionary way.
 - ▶ Introduced by Tim-Berners Lee
 - ▶ https://medium.com/@timberners_lee/one-small-step-for-the-web-87f92217d085
- This is a MUST-READ document
 - ▶ <https://solid.inrupt.com/docs/getting-started>
- Please also check out and read the corresponding documents of the solid community for discussing in the next lectures:
 - <https://solid.mit.edu>
 - <https://solid.inrupt.com>



The SoLiD Specification

■ So, let's talk about SoLiD:

- ▶ <https://github.com/solid/solid-spec/blob/master/README.md>

■ What about? Can you answer or explain?

- ▶ Identity – how is this implemented?
- ▶ Profiles – what are WebID Profile Documents?
- ▶ Authentication – How is it implemented?
 - Primary Authentication – What is it & why is it difficult?
 - WebID-TLS – How does it work?
 - Alternative Authentication Mechanisms – Are there any?
- ▶ Authorization and Access Control – How does it work?
 - Web Access Control – What is it?
- ▶ Content Representation – What is an LDP server?
- ▶ Reading and Writing Resources – How does it work? What is globbing?
- ▶ Social Web App Protocols – What are they for?

