VSR | EDU

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?