Solid Chat Challenge

Jose Emilio Labra Gayo

How it happened

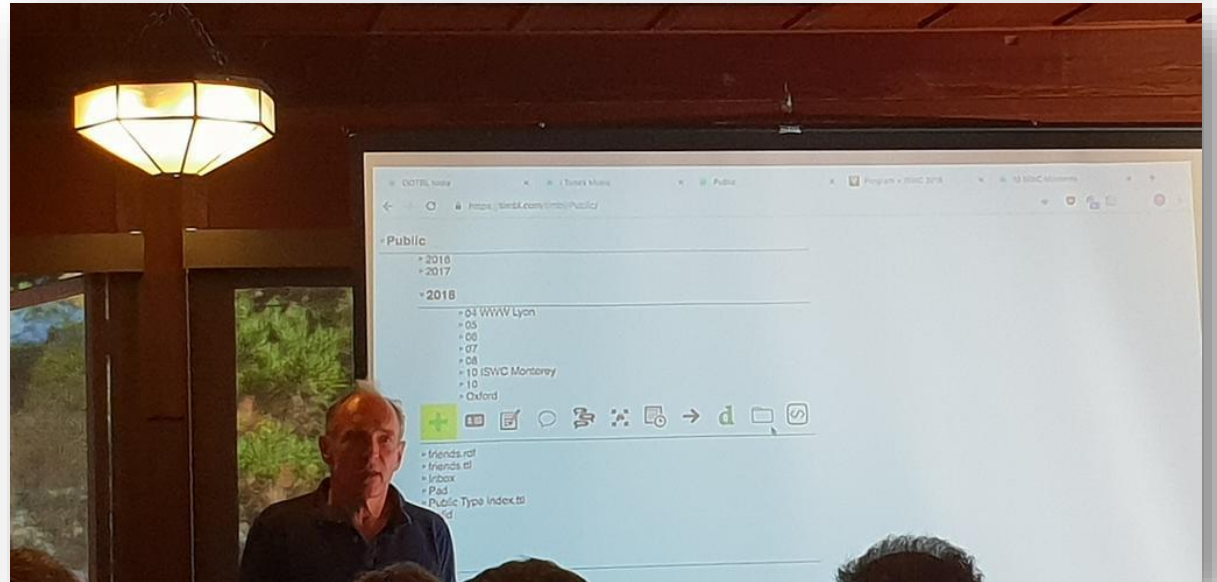Solid presentation at International Semantic Web Conference

 October 2018, Monterey, California

 Tim Berners-Lee presents Solid as a very interesting initiative

 It is based on Semantic Web and RDF

 Initially started at MIT

 Next step: involve developers

Picture taken from: https://twitter.com/sheebasamuel/status/1049415924476854273

Context

Course: Software Architecture

3rd course second semester, Bachelor degree in Software Engineer

Bilingual: 116 students: 35 English, 81 Spanish

Previous knowledge:

  Java, Javascript programming
  No knowledge about Semantic Web
  Most of them don't even know that RDF exists

https://arquisoft.github.io/

Lab assignment

Assignment: Documentation + prototype

Teams between 4 and 8 students

4 deliverables (each 2/3 weeks): from February to May

- 1. Initial documentation draft
- 2. First prototype
- 3. Second prototype
- 4. Final version

Following best practices in Software development

Control version, Continuous integration, Code coverage, Testing, ...

We prefer quality over functionality

https://labra.solid.community/public/SoftwareArchitecture/AssignmentDescription/

Results

14 projects delivered

Dechat_en1b	app deployed	source code	Technical documentation
Dechat_en2a	app deployed	source code	Technical documentation
Dechat_en2b/sole_chat	app deployed	source code	Technical documentation
Dechat_en3a	app deployed	source code	Technical documentation
Dechat_es1a	app deployed	source code	Technical documentation
Dechat_es1b	app deployed	source code	Technical documentation
Dechat_es2b	app deployed	source code	Technical documentation
Dechat_es3b	app deployed	source code	Technical documentation
Dechat_es4a	app deployed	source code	Technical documentation
Dechat_es4b	app deployed	source code	Technical documentation
Dechat_es5a	app deployed	source code	Technical documentation
Dechat_es5b	app deployed	source code	Technical documentation
Dechat_es6a2	app deployed	source code	Technical documentation
Dechat_es6b	app deployed	source code	Technical documentation

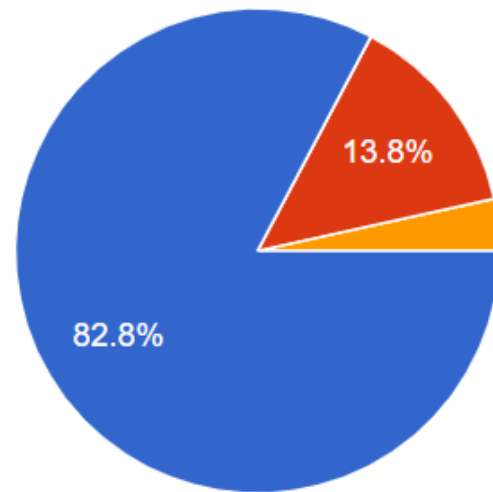# Premio Solid Chat Challenge

- Criteria
    - Ease of use by non-technical people
    - Responsiveness of the application
    - Online independence: no central control of data
    - Security and privacy: no vulnerability points
    - Aesthetics and friendliness of the application
    - Originality of the solution
    - Usability of technical documentation
    - Technical quality
- Jury
    - Mitzi Laszlo (Inrupt)
    - Michiel de Jong (Inrupt)
    - Jose Emilio Labra Gayo (WESO)

Solid survey

Had you worked with RDF and/or linked data before working with Solid?
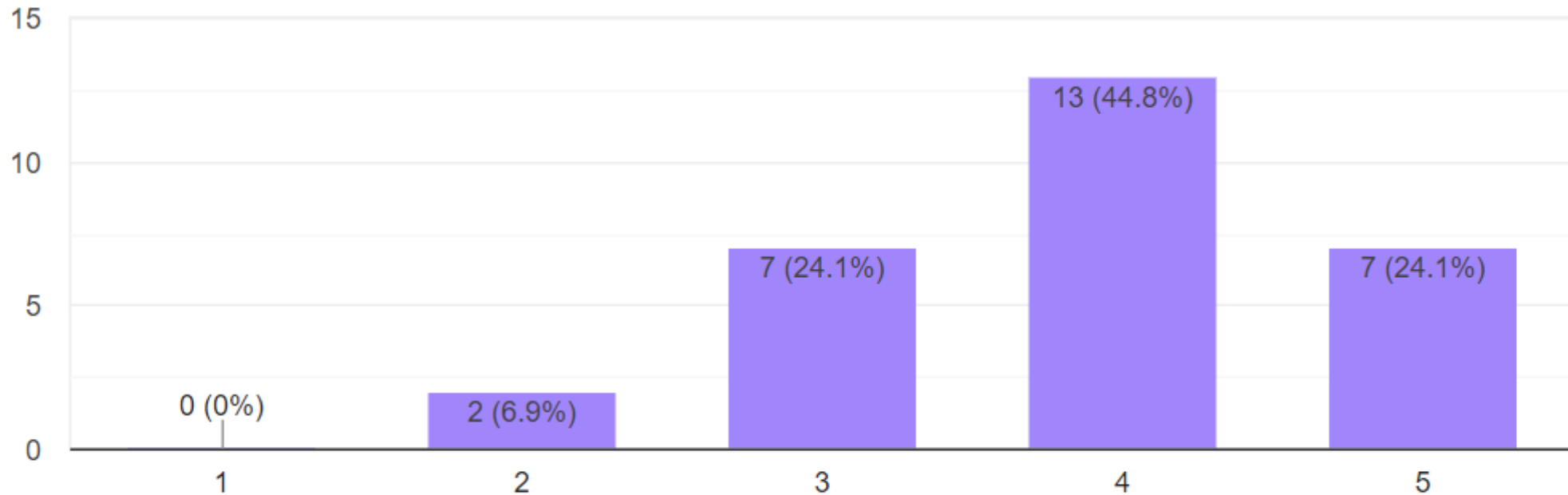¿Habías trabajado con RDF antes de trabajar con Solid?

29 responses

- No, I didn't even know that it exists
- No, but I had some knowledge about its existence
- Yes,

13.8%

82.8%

Solid Survey

Do you think the Solid project is interesting? ¿Crees que el proyecto Solid es interesante?

29 responses

Some conclusions

It was an interesting assignment

It can help to improve Solid

    Interoperability between Solid Apps

The students worked with real software

    Make an app that actually works

    Software as something that evolves and improves

    A lot of things can be improved

And the winner team is...

Winner team of Solid Chat Challenge - 2019

Dechat_es6a2

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