

CONFIA

Federated Identity Infrastructure for Andalusian Universities

Victoriano Giralt¹ Carmen López² Diego Lopez³
Luis Meléndez⁴ Francisco Sánchez⁵

¹University of Málaga

²University of Seville

³RedIRIS

⁴University of Córdoba

⁵International University of Andalusia

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Why

do we need an identity federation



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The driving needs behind a University Identity Federation



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are the needs for our identity federation



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 - Use Open Source



How

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We have worked by committee



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- A core group of some experienced people



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- Techies and managers around the same table



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- Bring your flavor of IdM, we will connect it



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=

The colourful ole Andalusian way





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IdPs and SPs belong to the community,
with the following actors



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some entering earlier than others



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- RICA, the Andalusian Regional REN, as operator
- The ten public Andalusian Universities,
some entering earlier than others
- RedIRIS, as the *way paver*



What

have we produced up to now



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We have been busy for one year



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- **Metadata**

Metadata management

- + Dynamic metadata
- + Metadata based WAYF
- + Metadata query



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- Metadata
- Trust

Trust fabric building

- + Representatives' digital signatures
- + TERENA SCS certificates
- + Trust root and policy manager



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- Metadata
- Trust
- Documents

Use cases

- + Andalusian Virtual Campus
- + Reciprocal library registration
- + Federated file swapping
- + Federated SSH



What

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We have been busy for one year

- Metadata
- Trust
- Documents
- **Services**

Supporting software

- + Federated log parser
- + Metadata management tool
- + Federated SSH daemon



Where

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We have not just sat and talked, we also have



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- connected diverse IdM technologies



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- connected diverse IdM technologies
- produced some material
- produced some code
- experimented new technologies
- have a working federation, although with few services



Where

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Thanks to several good things we had at hand



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- Shibboleth, 2 arrived just in time
- **SimpleSAMLphp**
- *Consigna* file sharing service, our touch stone





The procurement document

bring in the mercenaries



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We have glued all the pieces, we have a working mock-up



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so now, we know, we want our service



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- thoroughly documented
- with nice user interfaces
- law proofed
- deployed in all member Universities
- and painted green



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- with nice user interfaces
- law proofed
- deployed in all member Universities
- and painted green, please



The great opening

a politically sellable application

We hope to go full production
with a federated virtual campus
composed of ten Universities
during the present academic term



New development

or keeping the fun for us



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- ARP and informed consent



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- The Single Logout Problem



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We have found some interesting things to play with

- ARP and informed consent
- The Single Logout Problem
- Reaching outside the browser
- Entitlement granting



Summary



- It is possible to build a multi technology Federation



- It is possible to build a multi technology Federation
we have done it :-)



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- We have produced some useful material



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(translated into English *real soon now*)



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- We have produced some useful material
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(translated into English *real soon now*)
- The real work has just started



Questions?



Questions?

you might even get answers

