

# CONFIA

Federated Identity Infrastructure for Andalusian Universities

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Århus

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# Outline

- 1 The Past
  - The needs for an Identity Federation
  - Specifying the Federation
  - Working to make it happen



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- 2 The Present
  - Members of the Federation
  - Deliverables
  - Achievements



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  - Deliverables
  - Achievements
- 3 The Future
  - Finishing the specs
  - Going production
  - Further development



# Why

do we need an identity federation



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- Bologna is coming, like it or not



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  - Use standards: eduPerson, SCHAC, ...
  - Use Open Source



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The colourful ole Andalusian way



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- The ten public Andalusian Universities,  
some entering earlier than others



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- RedIRIS, as the *way paver*



# What

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- **Metadata**

## Metadata management

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



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- Trust

## Trust fabric building

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



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- Trust
- Documents

## Use cases

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



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

## Supporting software

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





# Where have we reached



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We have not just sit and talked, we also have

- 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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bring in the mercenaries



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



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# The great opening

a politically sellable application

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



# New development

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- ARP and informed consent
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- Entitlement granting



# Summary



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- We have produced some useful material look for it at <http://confia.aupa.info/>



# Summary

- It is possible to build a multi technology Federation we have done it :-)
- We have produced some useful material look for it at <http://confia.aupa.info/>
- The real work has just started



# Questions?





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you might even get answers

