



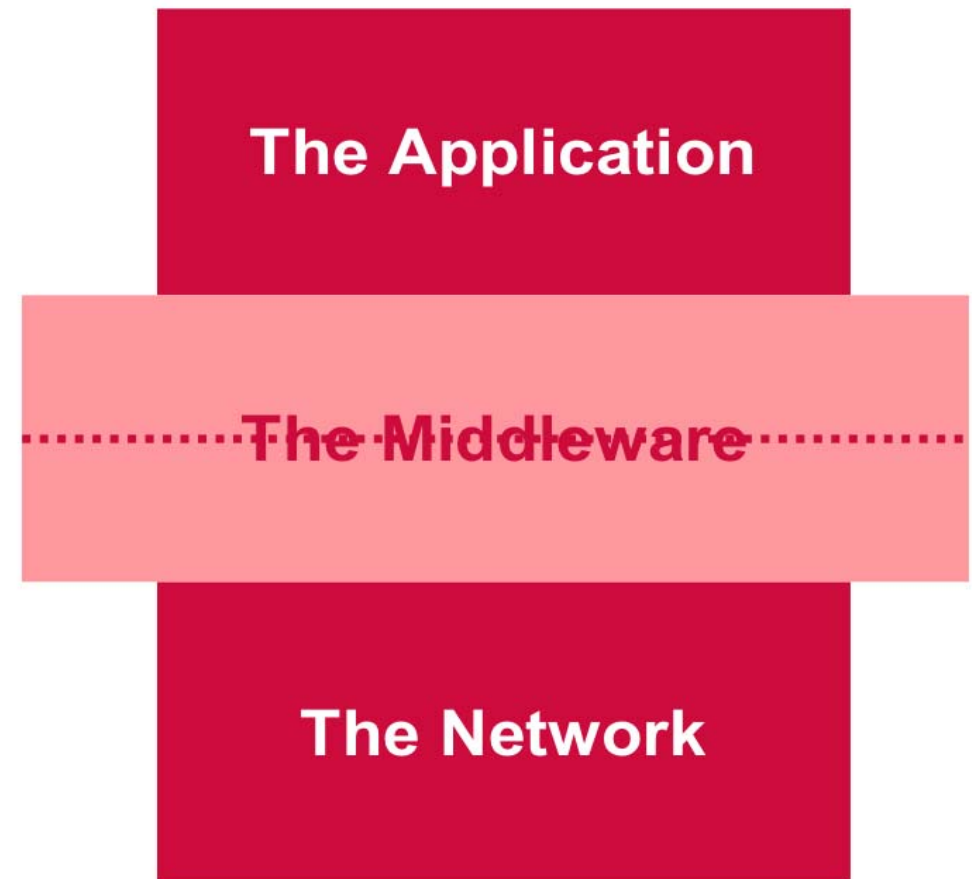
# Welcome to EuroCAMP

## Plus Some Introductory Matters

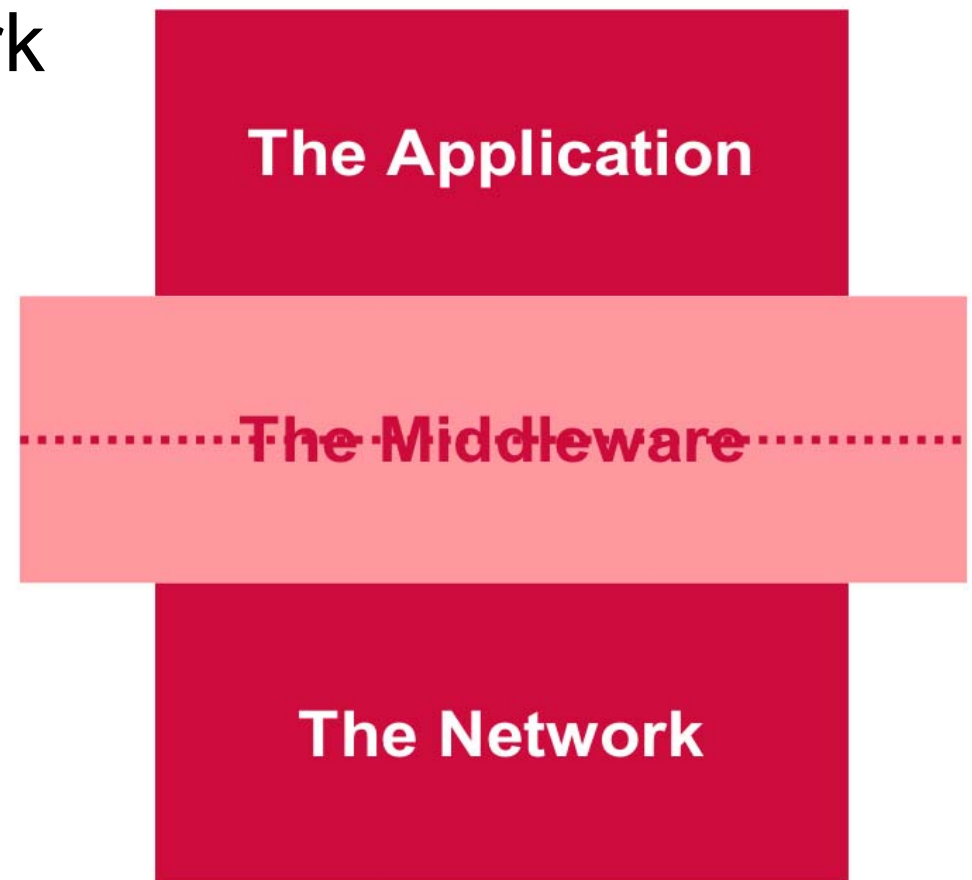
Diego R. Lopez, RedIRIS

Cork, May 2009

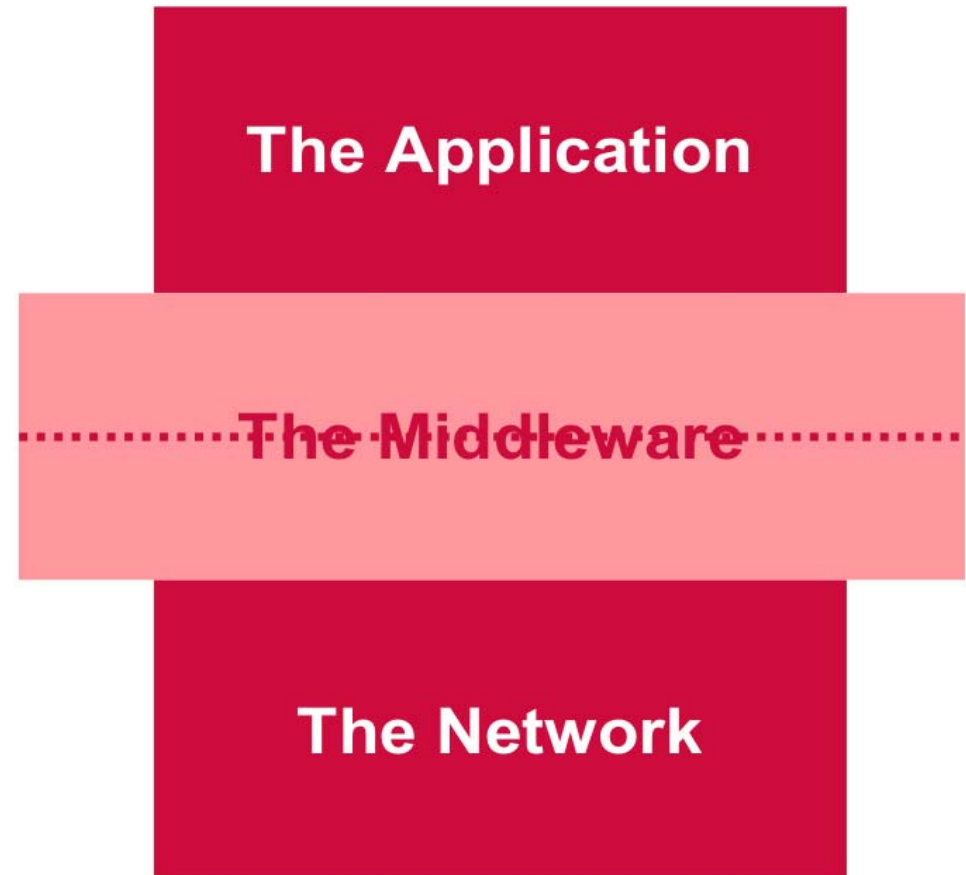
- Any conceivable networked service needs some basic services to run
  - Access control
  - Location
  - Accounting
  - Message passing
  - . . . <Put your desperate need here>
- And this happens at all levels



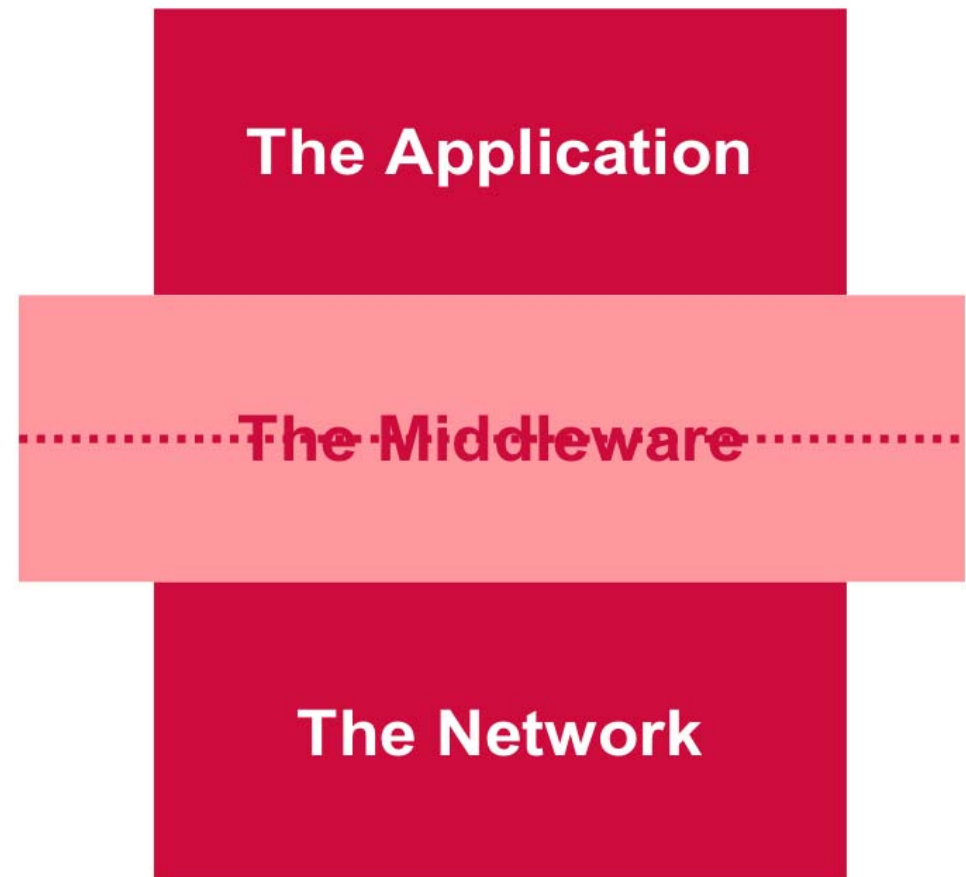
- The base for any network service
- A way for innovation at reasonable costs
  - Software intensive
  - OSS is common place
- The core for inter-institutional collaboration
  - Bologna is the word



- Core middleware
  - Providing the foundation services to any other layer
- Service middleware
  - Offering a set of common services required by applications by means of standard mechanisms
  - Providing resources similar to those provided by operating systems.
- Application middleware
  - Specifically oriented to concrete domains to offer common APIs to be used by solutions developers.



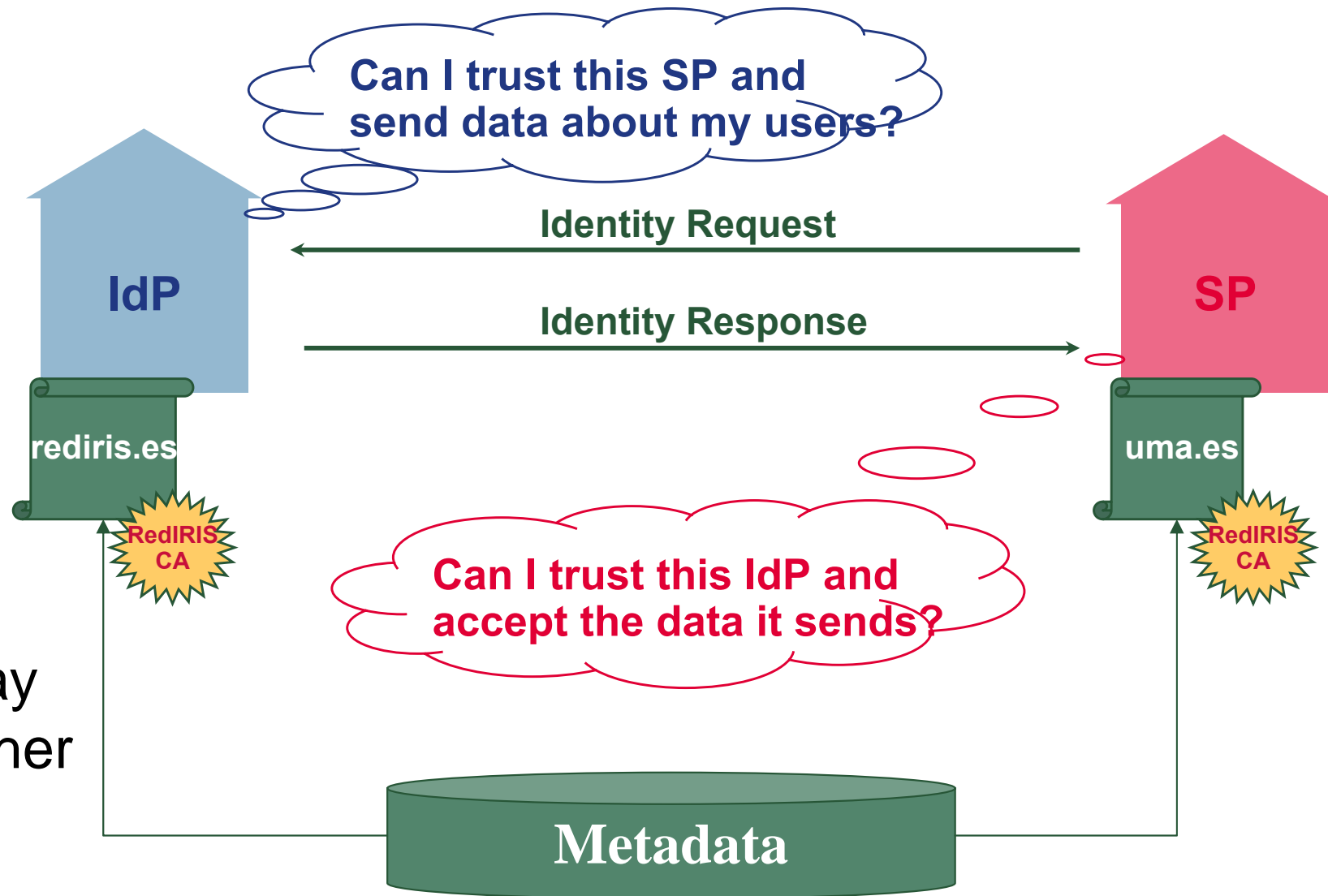
- Trust
  - How can I know this is good?
  - PKI is king
- Messaging
  - How can I send this?
  - SOAP, REST, XMPP,...
- Identity
  - How can I know who is behind this?
  - LDAP, PKIX, SAML,...



- (Meta-)Directories
  - Enable location
  - Data aggregation
- SSO
  - Better user experience
  - Simpler application deployment
- Federations
  - Extended trust
  - Simpler collaboration



Peter Steiner. The New Yorker, 5 julio 1993



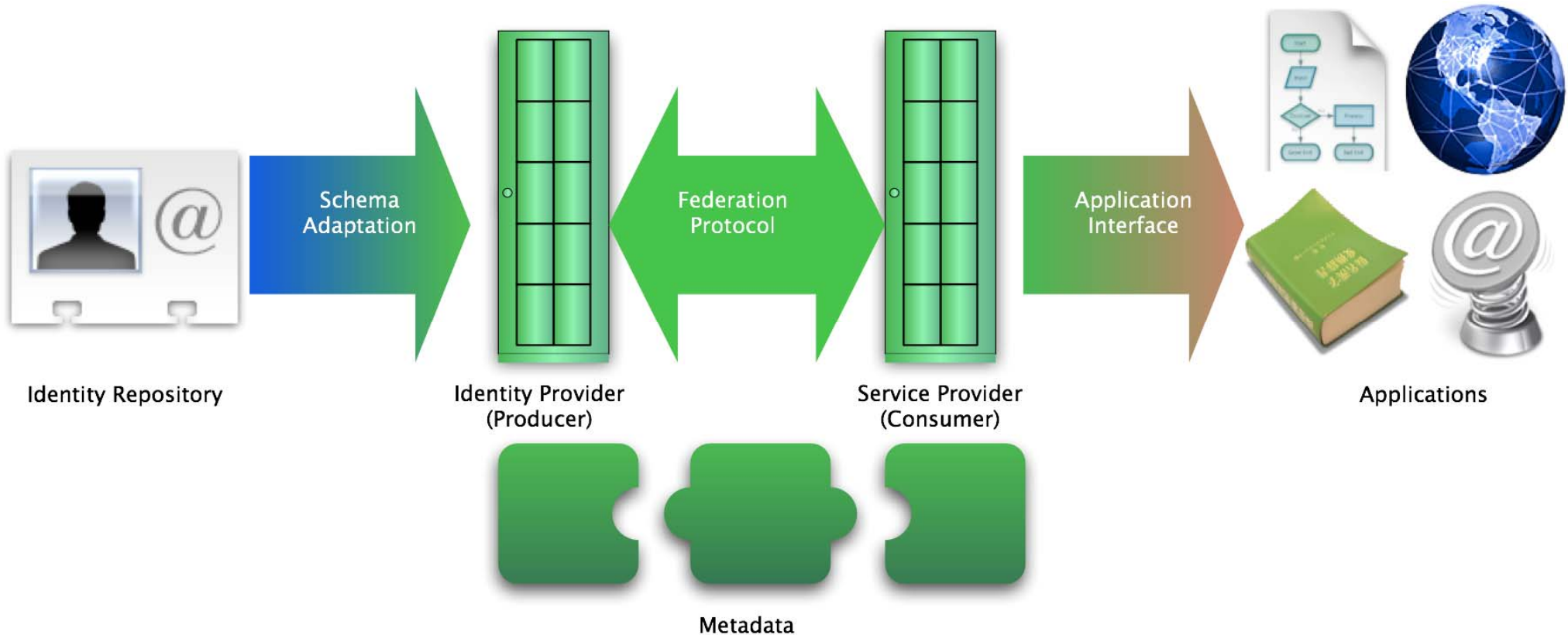
- PKI
  - One way or another

# The Identity Flow



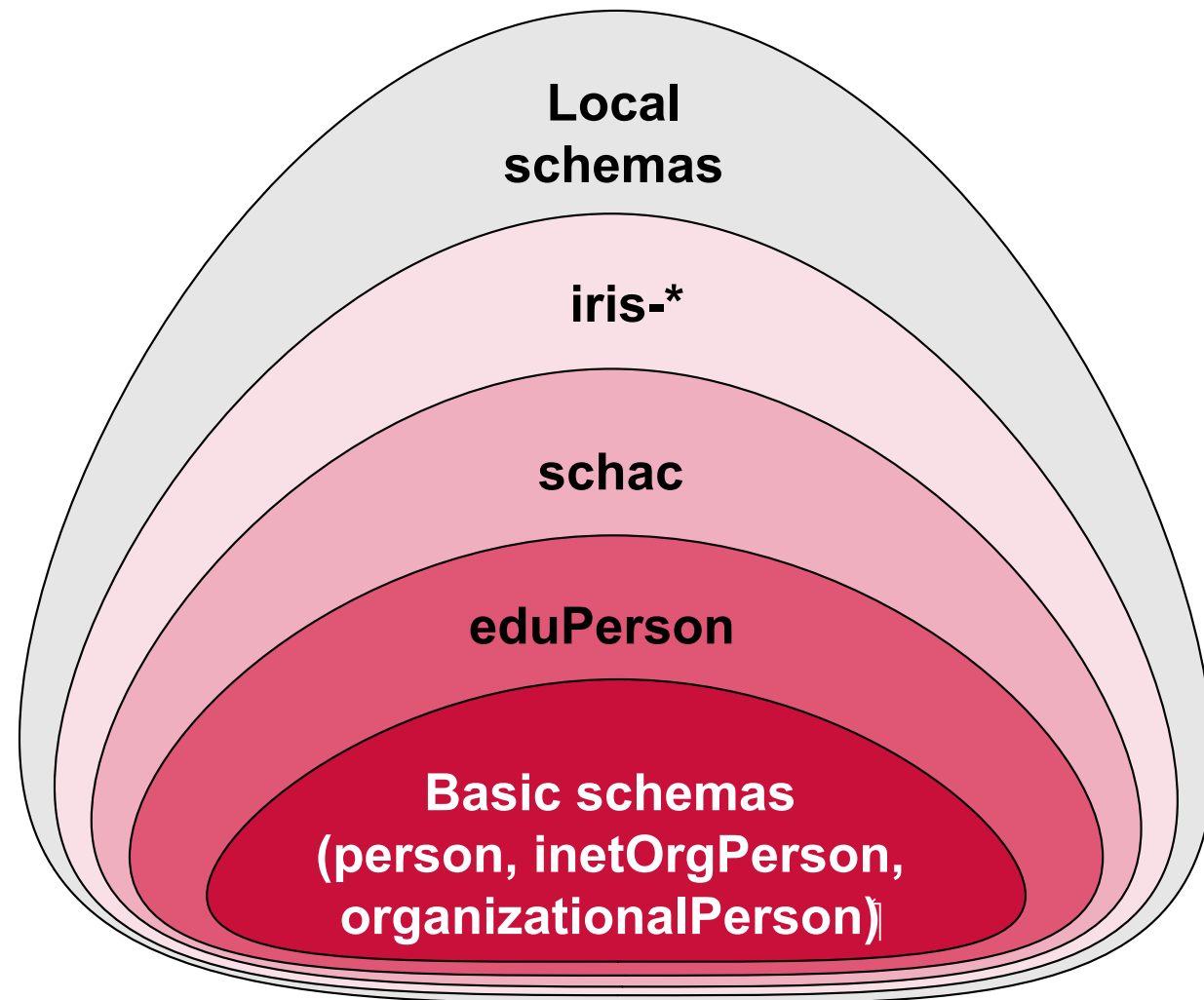
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- SAML is the lingua franca
  - SAML1 in early adopters (evolving)
  - SAML2 everywhere

- Talking about abstract data representation
- LDAP currently seems the most sensible choice



# The Current Landscape



- IdM, SSO and federations are maturing
  - Still in their *early teens*
  - Abundant weaponry
  - Protocols, schemas and tools
- All big guys play the game
  - Software providers
  - Service providers
- Part of the service portfolio of almost all NRENs
  - And GÉANT



- Many silos still persist
  - Proxying as a last resort
- Reaching beyond the Web
  - It is not only WS
  - The uSSO Theory
- Fulfilling the federation promise
  - Confederation and interfederation
  - Levels of assurance
  - Additional data sources
  - Neutral application access



# The EuroCAMP Goals



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- Train
  - Not only the audience
  - It has to be bi-directional
- Strengthen
  - Principles we agree upon
  - Ties among us
- Recruit
  - The community needs you
  - And the office is always open
- Enjoy and be goode™

