



Welcome to EuroCAMP

Plus Some Introductory Matters

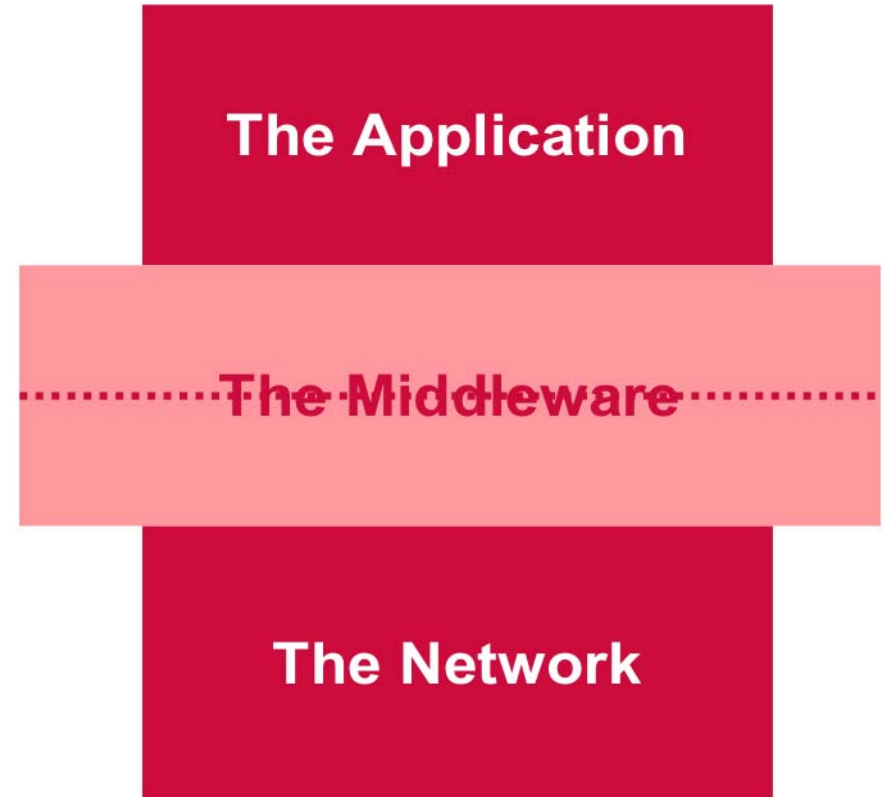
Diego R. Lopez, RedIRIS

Athens, November 2008

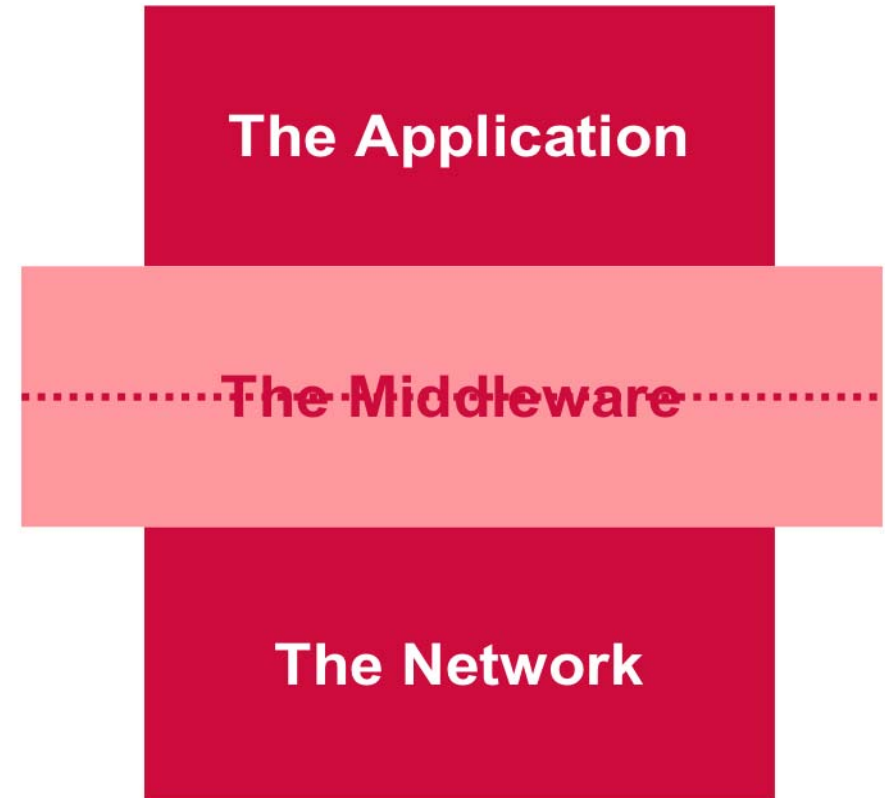
It's the services, stupid!



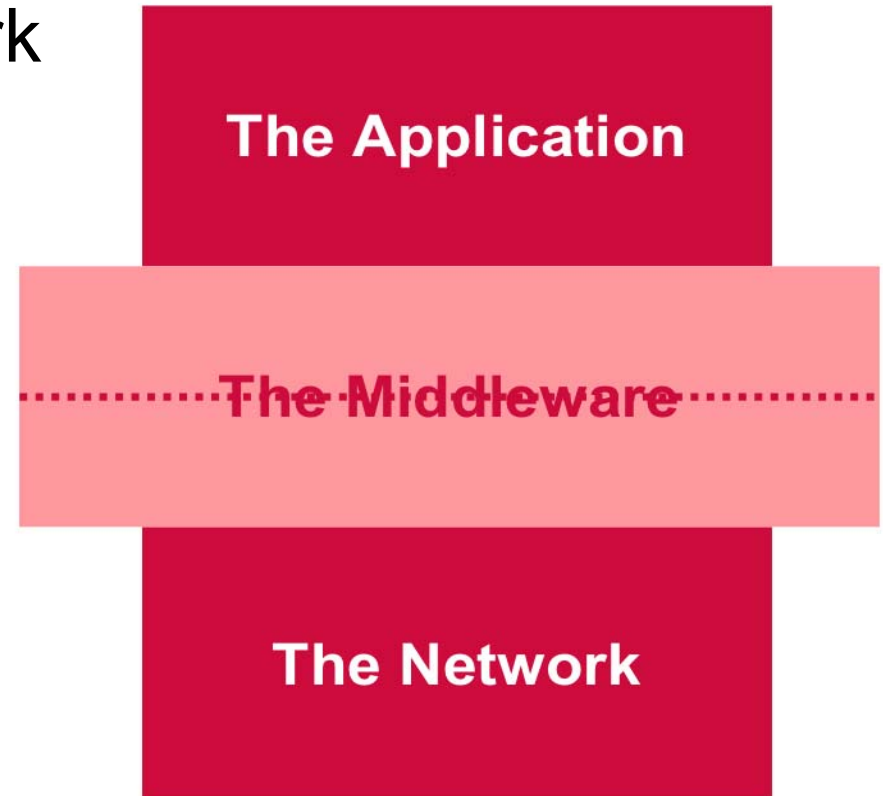
- Big pipes are only half of the equation
- Applications fill the pipes
- Applications require services
- Services keep our competitive edge



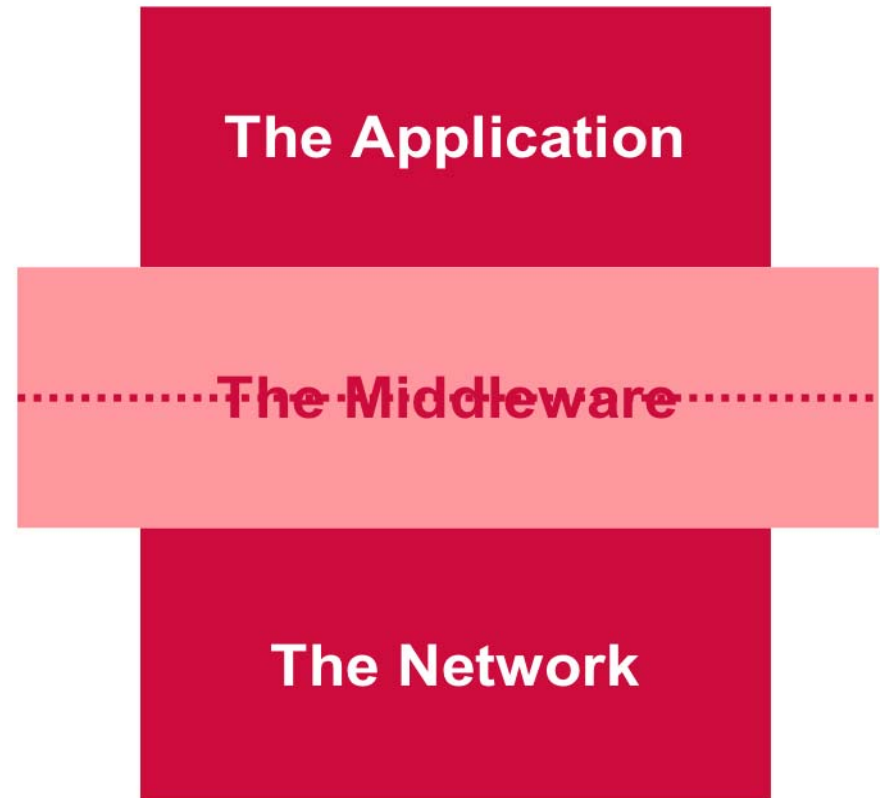
- Any conceivable networked service needs some basic services to run
 - Access control
 - Location
 - Accounting
 - Message passing
 - . . . <Put your desperate need here>
- And this happens at all levels



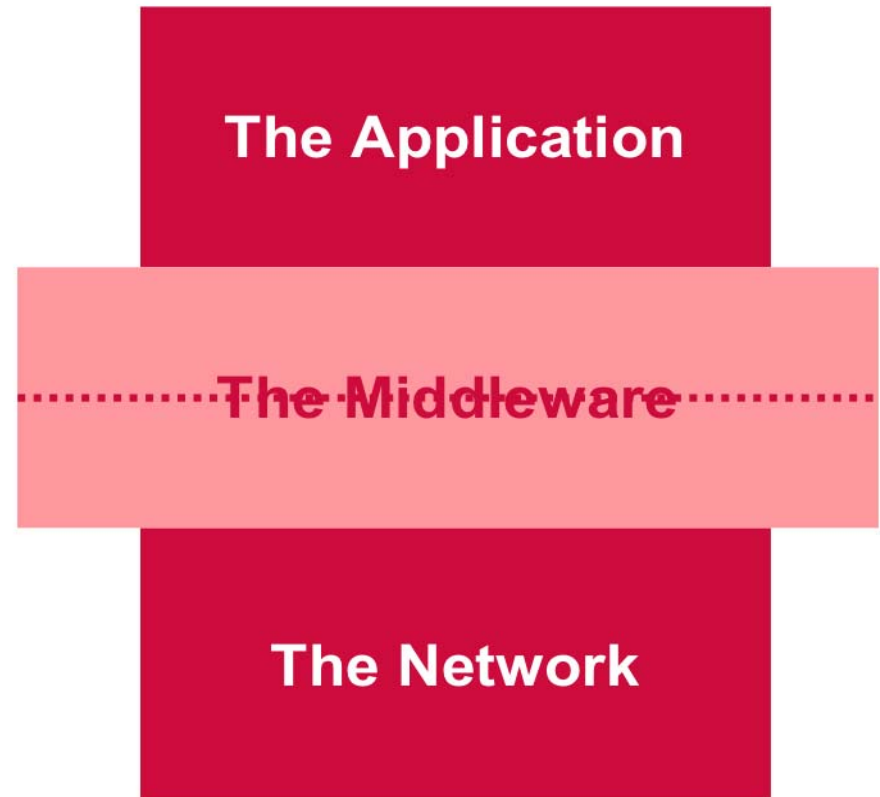
- The base for any network service
- A way for innovation at reasonable costs
 - Software intensive
 - OSS is common place
- The core for inter-institutional collaboration
 - Bologna is the word



- 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.



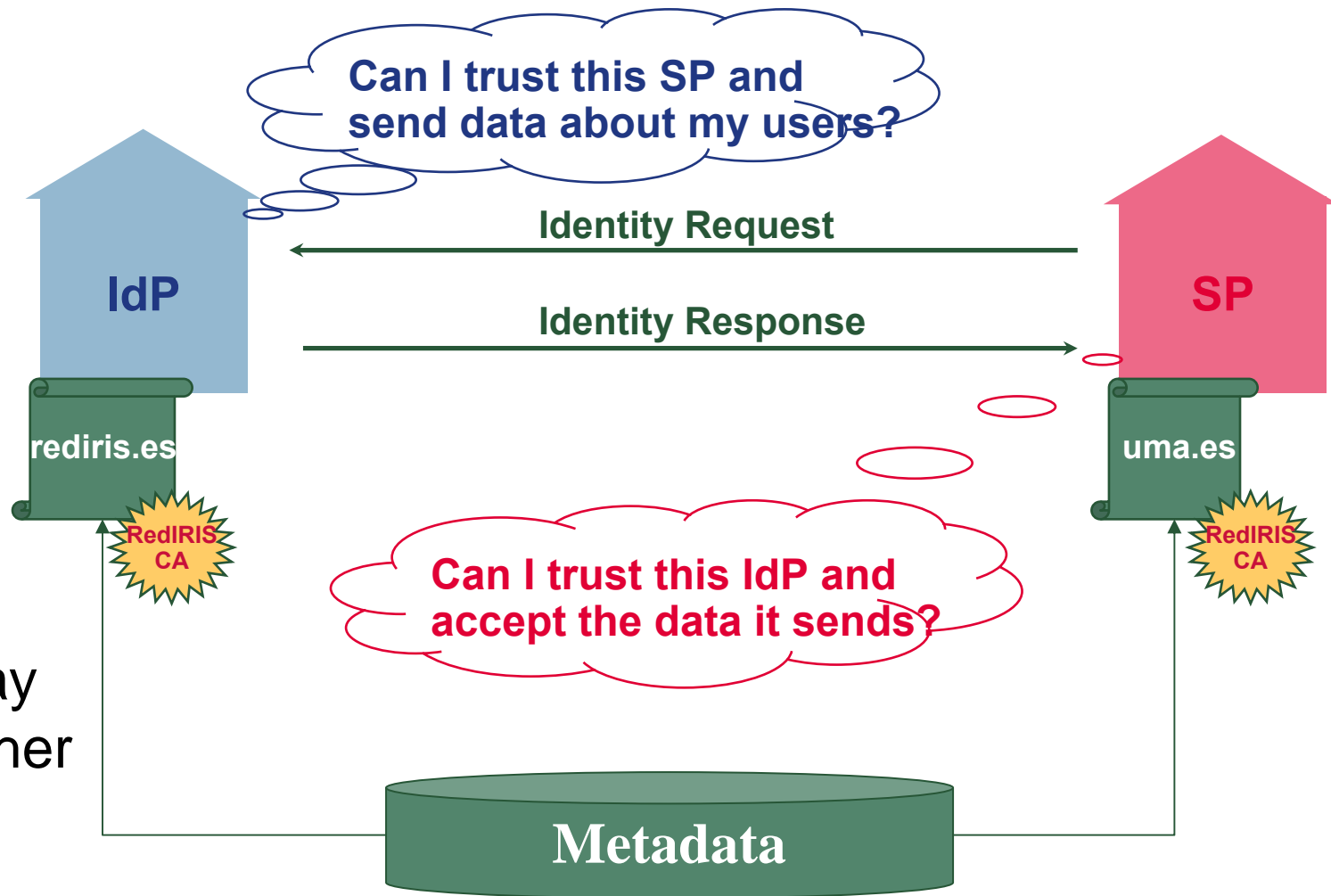
- Trust
 - How can I know this is good?
 - PKI is king
- Messaging
 - How can I send this?
 - SOAP, REST, XMPP,...
- Identity
 - How can I know who is behind this?
 - LDAP, PKIX, SAML,...



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

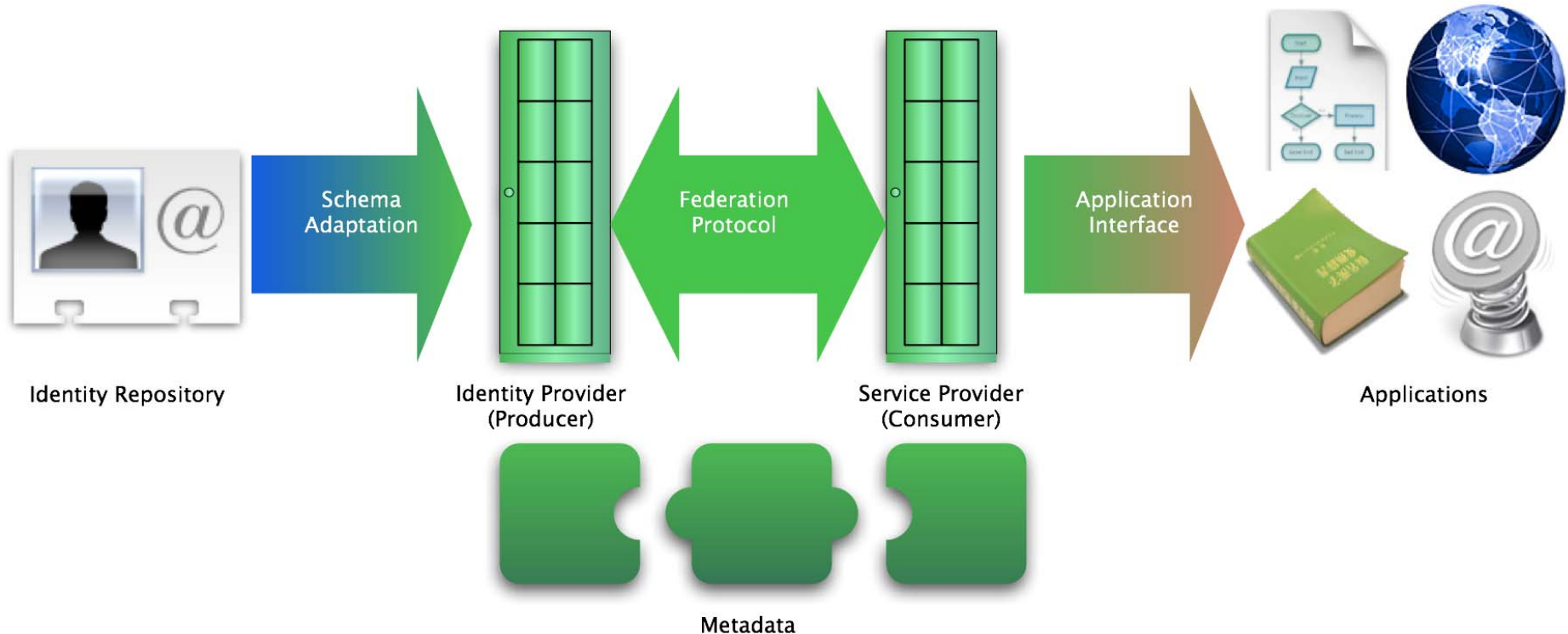


Peter Steiner. The New Yorker, 5 julio 1993



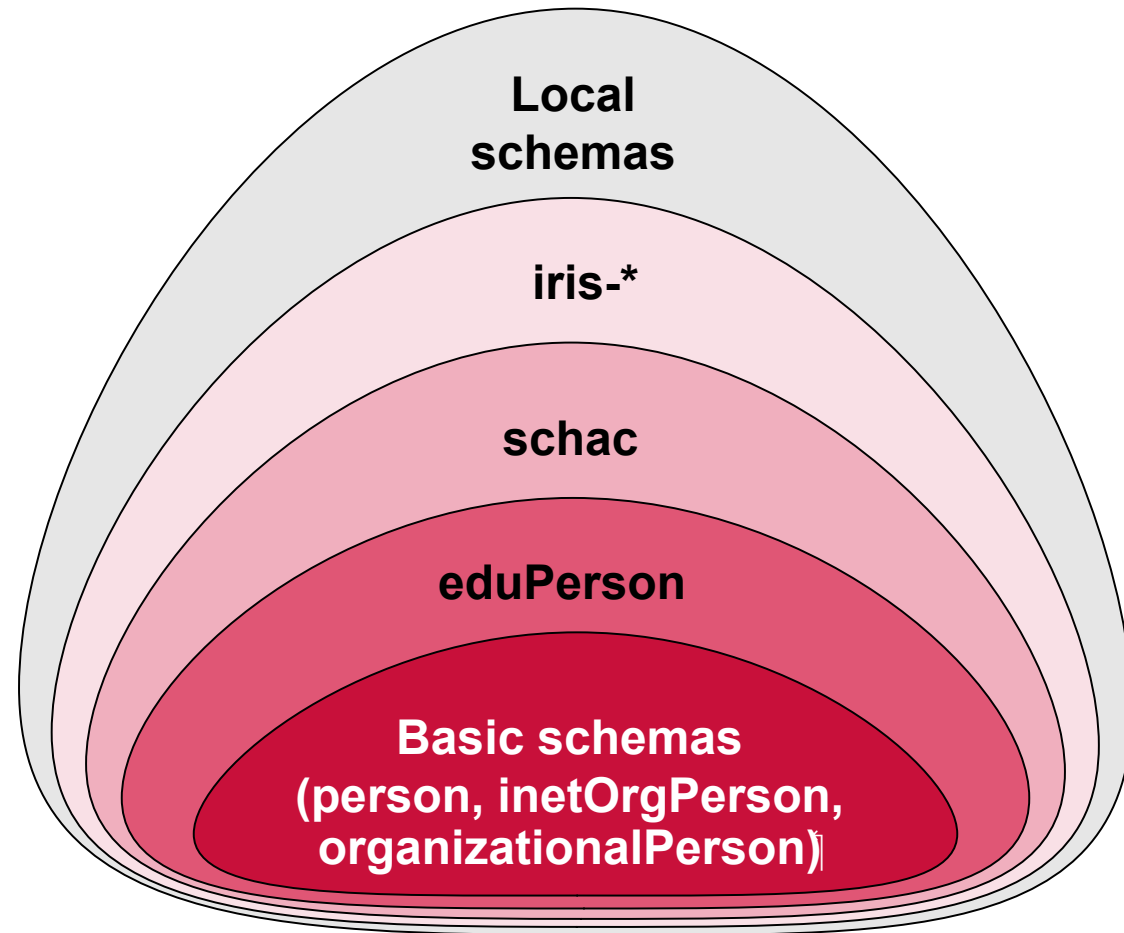
- PKI
 - One way or another

The Identity Flow



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

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

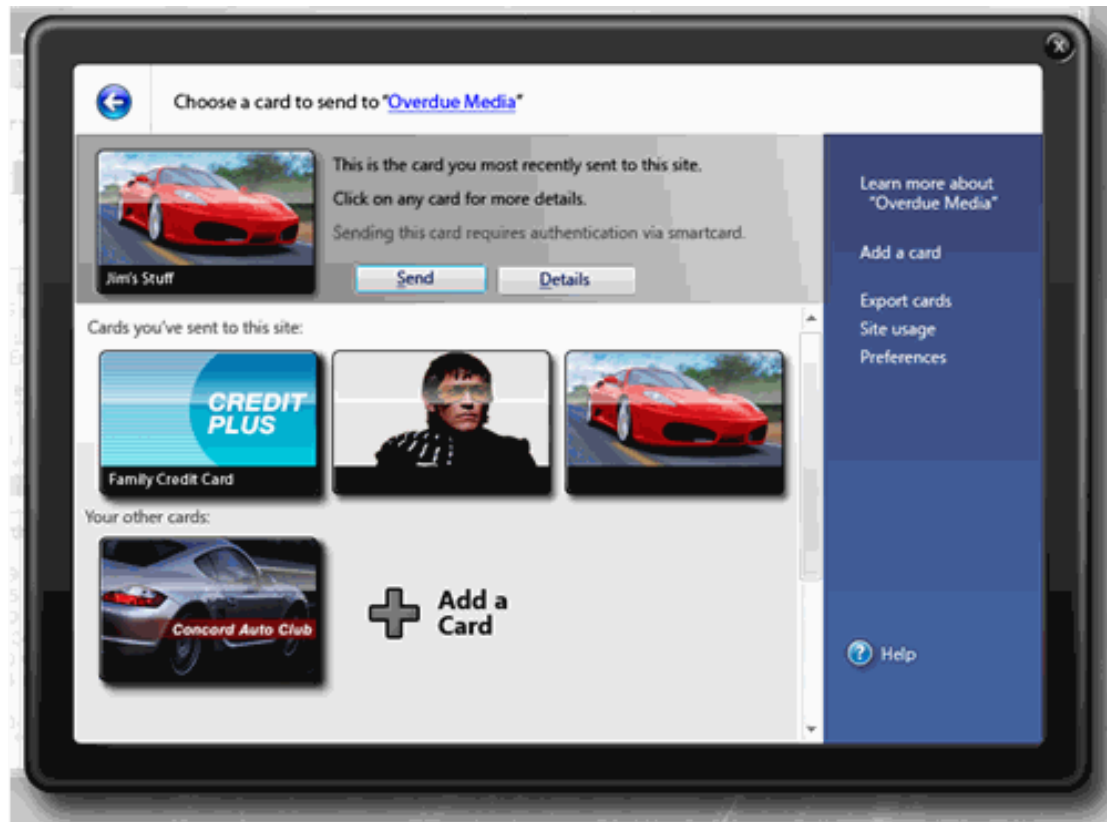


- IdM, SSO and federations are maturing
 - Still in their *early teens*
 - Abundant weaponry
 - Protocols, schemas and tools
- All big guys play the game
 - Software providers
 - Service providers
- Part of the service portfolio of almost all NRENs
 - And GÉANT



- 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





- Hide complexity into an easy to grasp paradigm
- Provide means for client-based interoperability

Identity A-la-carte: OpenID



- Lightweight “federations”
- Ranging from DIY to orthodox IdM
- Is this Identity 2.0?
 - Opportunities for added value

Identificación con OpenID



Si **NO** conoces tu usuario de OpenID o no estás seguro de cuál puedes utilizar la aplicación [PAPIOD Finder](#) informará de cual es tu identificador correcto.



- Originally intended for identity-enabled service mash-ups
- Currently proposed in several other application domains
- A candidate for connecting federated access and native HTTP

myspace.com
a place for friends.

Flixster
Movies
Compare movie taste with your friends, share movie reviews and take fun movie trivia quizzes.

You have indicated that you want to link your MySpace account to **Movies**. By clicking on the "Yes, Link this Account" button and confirming the link to your account, you will allow the service to access some of your MySpace data, including your Display Name, Profile, and your Friends List. By checking the box below, you may also allow the service to store the e-mail address associated with your MySpace account and your first and last name. The service provides the functionality described above.

Hi **pixelated**
Please confirm the link to your account.
To link a different account, please [Sign Out](#)

Allow this service to store my e-mail address, first and last name.

Yes, Link this Account

This service is not affiliated with MySpace, and you should not grant it access unless you trust it. The linked service will not be storing your user name or password. Please note that by agreeing to link this service to your MySpace account, the linked service will share your data in accordance with the privacy settings set forth by that service. You can revoke access at any time by visiting the "Linked Sites" section of your MySpace settings page. If you choose to revoke access, certain data you have shared with the linked service will be removed from that service within the amount of time specified in our Terms of Use. Other data may be retained by that service in order to preserve your account. If you wish to have all data removed, please visit the linked service to modify or close your account. To see more on what data is available, click [here](#)

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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™

