

Deegree in EuroGeoNames

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About EuroGeoNames (EGN)

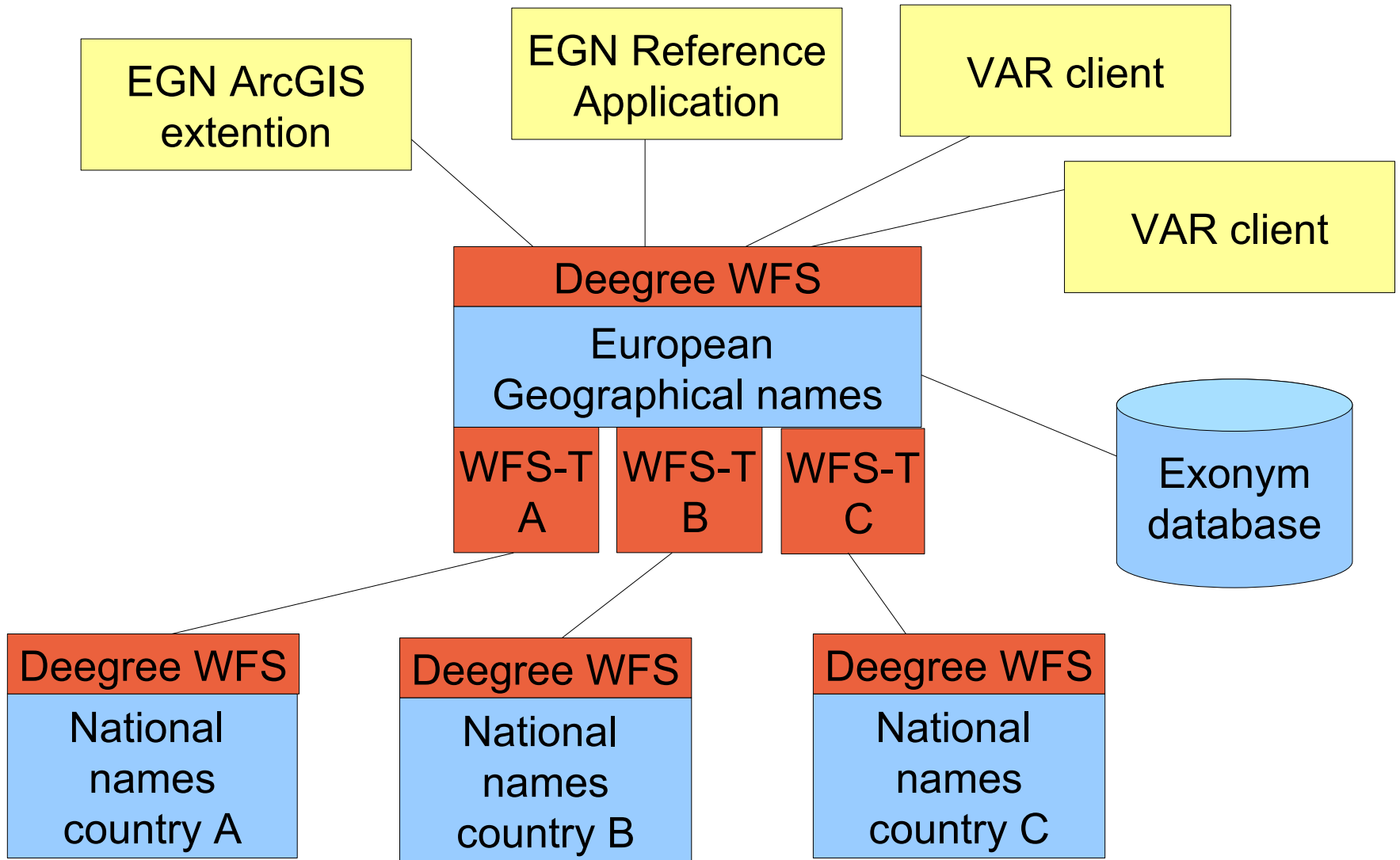
- > European gazetteer
- > Managed by EuroGeographics and hosted by BKG
- > Reference application
- > EC funded until February 2009
- > 10 European countries are contributing national data, more are expected to follow
- > Powered by Deegree WFS

>>> Design goals

- > Establish an infrastructure for European geographical names data
- > Harmonised data from different sources (NMCA's: National Mapping and Cadastral Agencies)
- > Data are maintained and exposed at the national level
- > A single access point for clients
- > Use standards where possible



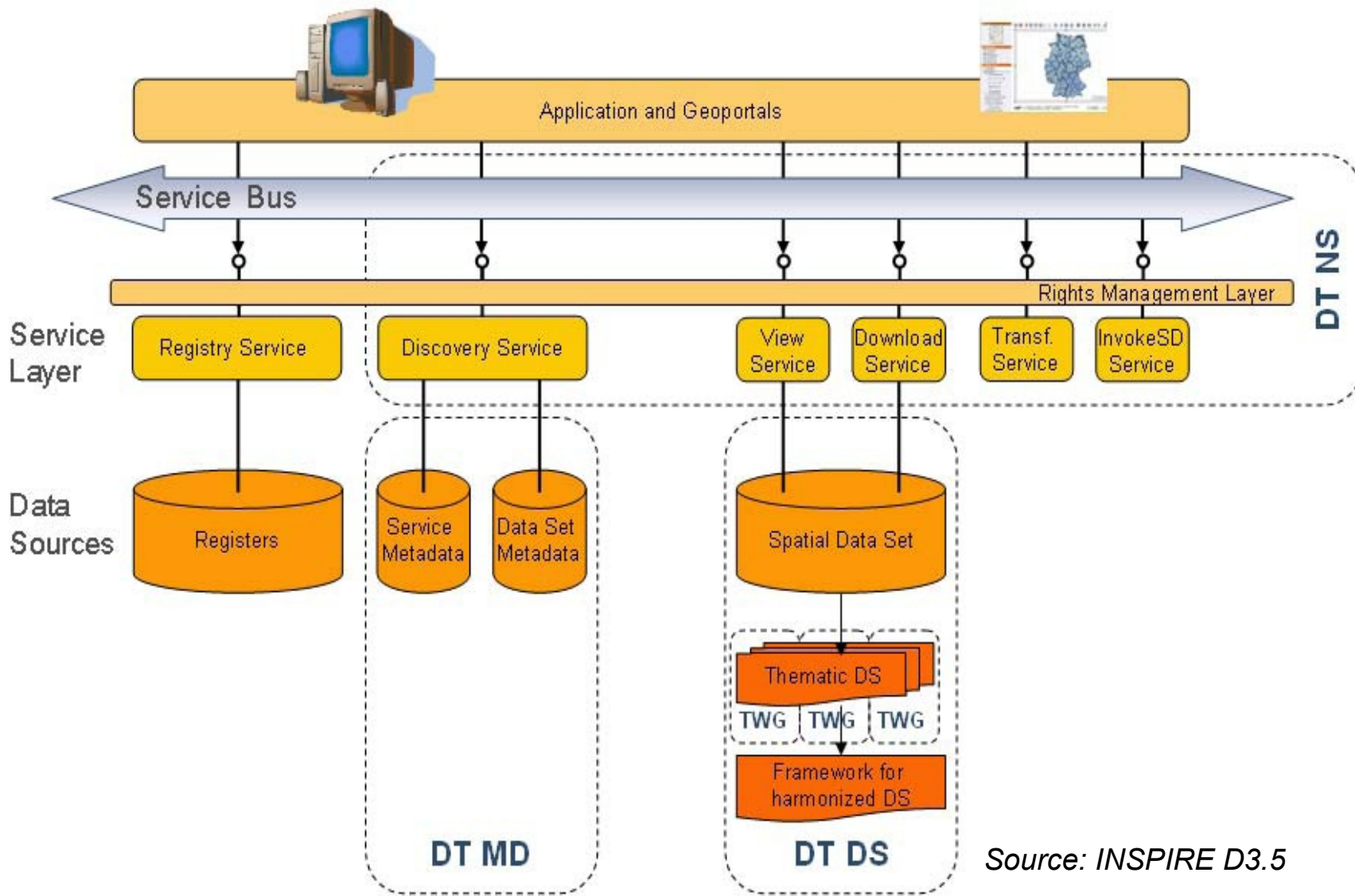
EurGeoNames architecture



- > Infrastructure for Spatial Information in the European Community
- > The INSPIRE directive: Mandatory for EC member states
- > First phase themes:
 - 1. Coordinate reference systems
 - 2. Geographical grid systems
 - 3. Geographical names
 - 4. Administrative units
 - 5. Addresses
 - 6. Cadastral parcels
 - 7. Transport networks
 - 8. Hydrography
 - 9. Protected sites



Possible INSPIRE architecture



Source: INSPIRE D3.5

>>> Challenges and opportunities for Deegree

- > Performance and scalability
- > Support new OGC standards as soon as possible
- > Support for existing GML application schemas
- > Distributed/federated services
- > Other?



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