The next wave of Social Networks: Open, Distributed, Semantic

Alexandre Passant
Unit for Social Software, Digital Enterprise Research Institute, NUI Galway
http://apassant.net - alexandre.passant@deri.org - @terraces
Challenges for social networking

- Social Networks are walled gardens
  - Data is locked in proprietary and close-world data silos
- Lack of common representation formats
  - Need common semantics for interoperability
- Integration with other data sources
  - For meaningful search, browsing and IRL integration
- Requires new paradigms
  - Open, Distributed, Semantic
  - SMOB – Semantic MicroBlogging - [http://smob.me](http://smob.me)
Open and distributed architecture

- Personal hubs spread all over the Web
  - Ensure data privacy and ownership
  - Synchronise together using Semantic Web and Linked Data standards (SPARQL, RDFa, etc.)
  - Combined with distributed authentication (e.g. Web ID)
Semantics and data integration

- Reusing, extending and combining popular models
  - FOAF, SIOC, OPO, MOAT / CommonTag
  - Can be reused in any Social Networking context
  - Integration with the Linking Open Data cloud for advanced and meaningful data browsing