NEPOMUK
- The Social Semantic Desktop -

http://nepomuk.semanticdesktop.org

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NEPOMUK
supports personal knowledge work

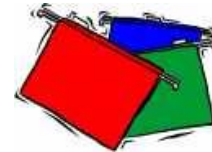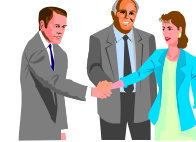- **Knowledge work comprises**

  - **Collecting, structuring, connecting information**
  - **Articulation of new ideas, observations, insights, thus generating information**
  - **Sharing, exchange, and communication**

  according to individual goals, perspectives, and processes

- **The personal computer is a work environment which closely reflects the individual way of working in its internal structures**

  - **Files, folders, bookmarks …**

- **Modern work requirements ask for flexibility and collaboration within networks across traditional boundaries**
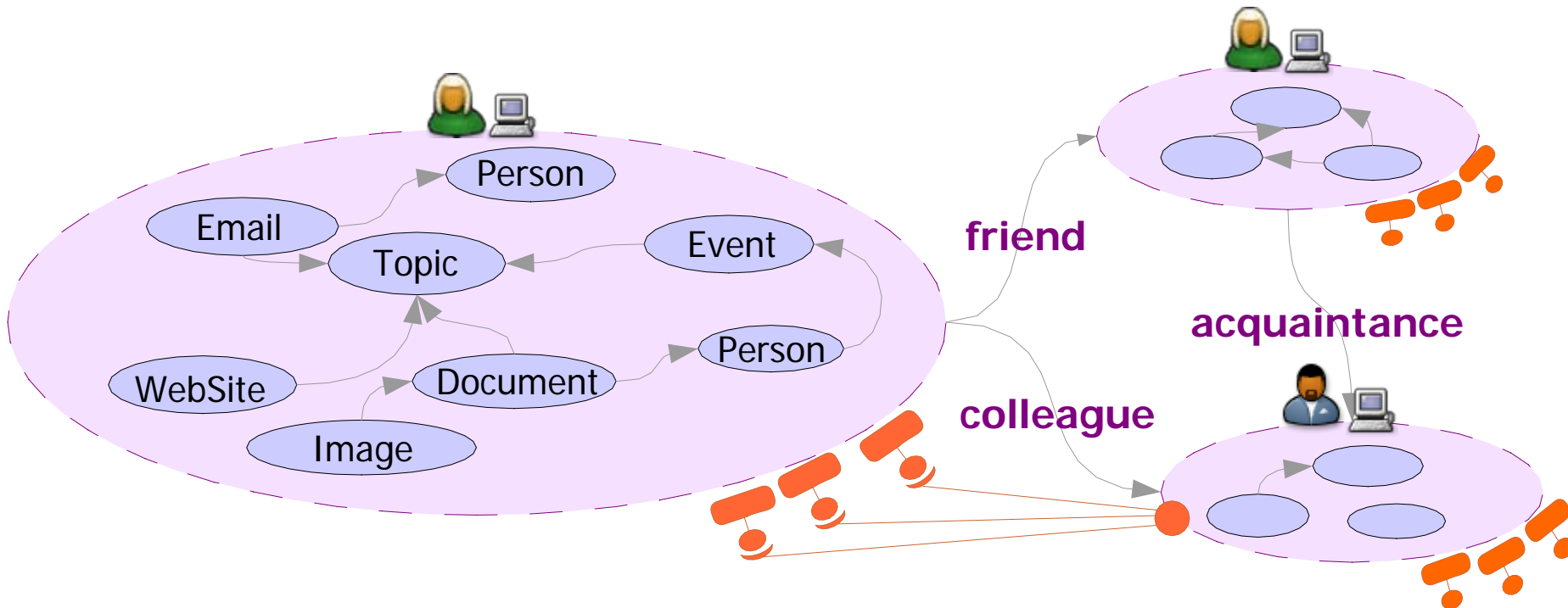
Goal: Build the Social Semantic Desktop

Desktop: Help individuals in managing information on their PC

Semantic: Make content available to automated processing

Social: Enable exchange across individual boundaries

friend

acquaintance

colleague

Personal Semantic Web: *a semantically enlarged intimate supplement to memory*

Social protocols and distributed search

NEPOMUK enabled peers

NEPOMUK will deliver open source tools and standards for smooth collaboration
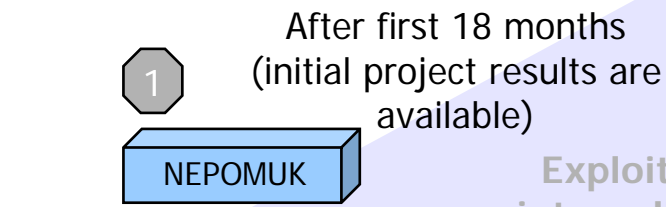
- **The freely available open-source framework comprises**
    - Standardized interfaces, architecture, ontologies
    - Plug-in architecture, extendable to suit application needs
    - Building upon standard semantic web technology

- **A set of reference implementations covers representative application domains**
    - Consulting, BioScience, Strategic planning, Distributed Community work

- **A vivid community ensures uptake and extension beyond the project's duration**
    - Active scientific community (http://semanticdesktop.org)
    - Involvement of open source developer communities
    - Setup of user groups and domain-specific application communities

Information Society
Technologies

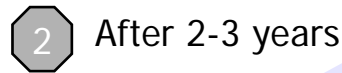# NEPOMUK realizes the basis for manifold exploitation

Individual exploitation
concentrates on uptake, adaptation, and commercialization by **tool adaptors** & **consultation services**, i.e. **spin-offs**
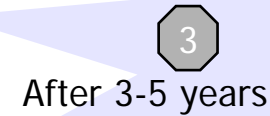
1 After first 18 months (initial project results are available)

Exploit internally

NEPOMUK

- Internal exploitation
- Initial awareness via open source and scientific communities

2 After 2-3 years

Exploit externally

- External application of project results by industrial partners
- Uptake in the scientific community
- Wide-scale awareness within open source community

3 After 3-5 years

- Commercial exploitation by dedicated spin-offs
- Specific product development
- Wide societal impact

Collective exploitation will focus on establishing & maintenance of a vivid scientific society
- Pursuing standardization and platform & prototype development
- Collective support of standardization efforts (e.g. W3C working group)

The NEPOMUK consortium unites industry, research, and representative users

NEPOMUK is a three-year Integrated Project within the EU 6th Framework Programme

- **Project FP6-027705 NEPOMUK**

- **Duration: 1.1.2006 – 31.12.2008**

- **EC contribution: 11.5 M€ (Total budget: 17.1 M€)**

- **For further information, please contact**

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