

**‘Libre’ Master:  
Economics & Management**

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# Some academic references

- US NSF Grant (active, PI: Paul A. David, Stanford & Oxford).
- EU expert on open-source software (e.g. meeting with Commissioner Liikanen of Sept. 25, 2003)
- 2 RNTL grants in France (NME – NEL, completed; LibreSource, active)
- Lead Author, report from the « Software Economy » group, Commissariat General au Plan (Octobre 2002).
- Dalle J.-M., Jullien N. (2003), 'Libre' software: turning fads into institutions ?, Research Policy 32: 1-11.
- Dalle J.M. & Kott L. (2002), Plaidoyer pour des logiciels génériques, La Recherche, 349: 70-73.

# Main themes to be addressed

- **1. Competition**: economics of technological competition and diffusion (basics), economics of *de facto* and *de jure* standardization (standard races, etc.), competition between open-source and proprietary solutions, consequences for competition policy and public procurement, etc.
- **2. Business models and industrial organization**: modularity theory (basics), open-source business models, licensing schemes, the current evolutions of the organization of the software industry and economy, etc.

# Main themes to be addressed

- **3. Governance**: mechanisms of governance (basics: markets, hierarchy, hybrid), governance issues in open-source communities (credible commitment, hostages, etc.), etc.
- **4. Motivations**: incentive theory (basics), the controversy about open-source motivations, the workings of open-source production (ideally in collaboration with software engineering), etc.
- **Plus**:
  - Open-Source and Development: software generics, etc.
  - Other applications of the open model.

# Some background reading

- 1: works by W.B. Arthur, P.A. David, etc.
- 2: works by C. Baldwin, K. Clark, R.N. Langlois, etc.
- 3: works by O.E. Williamson, etc.
- 4: works by J. Tirole, J. Lerner, E. von Hippel, etc.