

## **Minitrack: Open source and standards in electronic government**

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### **Description:**

National governments increasingly promote the adoption of open standards and source software (OS) in their system integration efforts, development activities and procurement policies. OS is more and more appealing to public managers and politicians and a number of countries have started adopting OS for a wide variety of motives, including security, accessibility and cost reduction. Current policies and architectures are moving towards combining open source with proprietary code/components. These trends present two sets of problems: integration and development. The integration problem arises as open and proprietary components are developed to adhere to different standards, and sourced and customized differently. The development problem focuses upon the continuous development and supply of new OS components to meet the increasing demands of electronic services. Open sourcing electronic government requires creating and managing a diverse ecosystem across different institutions including private, public and third sectors, and across different levels of businesses, processes and operations and sounds policies supporting this.

This minitrack solicits papers covering all aspects of OS, ranging from technology, organization to policy-making.

### **Topics include**

- Open source development methods
- Problems and challenges
- Benefits and risks of open source
- OSS policy-making and strategies
- Policy impacts
- Open standards
- Typologies of standards and open source
- Adoption and diffusion of OSS
- Open source applications and infrastructure

- Open source community and community building
- OSS ecosystems
- Integration, open standards and open source software in architectures
- OSS frameworks, quality aspects like reliability and security
- OSS evaluation and decision-making
- Cases and applications of open source and standards