Scalable Policy-aware Linked Data Architecture for Privacy, Transparency and Compliance

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26/06/2017
SPECIAL Aims

Companies whose business models rely on personal data

Data subjects who would like to declare, monitor and optionally revoke their (often not explicit) preferences on data sharing

Regulators who can leverage technical means to check compliance with the GDPR
SPECIAL Aims
SPECIAL Objectives

• Policy management framework
  - Gives users control of their personal data
  - Represents access/usage policies and legislative requirements in a machine readable format

• Transparency and compliance framework
  - Provides information on how data is processed and with whom it is shared
  - Allows data subjects to take corrective action

• Scalable policy-aware Linked Data architecture
  - Build on top of the Big Data Europe (BDE) platform scalability and elasticity mechanisms
  - Extended BDE with robust policy, transparency and compliance protocols
• **Big Data Europe** scalability and elasticity
• **PrimeLife** policy languages, access control policies, release policies and data handling policies
Thank you / contact details

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The project SPECIAL (Scalable Policy-aware E-linked data architecture for privacy, transparency and compliance) has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 732601 as part of the ICT-18-2016 topic Big data PPP: privacy-preserving big data technologies.