

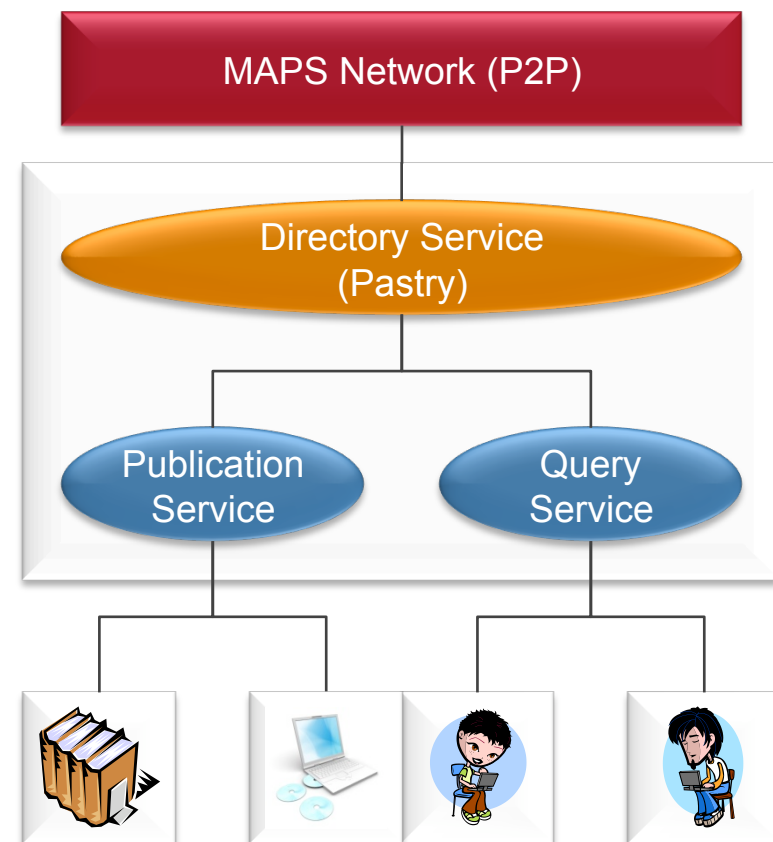
# P2P Information Retrieval and Filtering with MAPS



## - Demonstration Paper -

### System Overview

- **MAPS**: novel system combining approximate information retrieval (IR) and filtering (IF) functionality in P2P settings
- **P2P Directory**: global directory (Pastry) storing statistical summaries with publisher granularity
- **IR**: resource selection techniques to select information sources for one-time queries
- **IF**: combination of resource selection with behavior prediction techniques to monitor most appropriate publishers for continuous queries



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### Demonstrator Setup

- Demo presents MAPS prototype with a **use case** including following steps:
  - Initialization / Metadata Dissemination
  - One-time Query Execution
  - Continuous Query Subscription
  - Document Publication
  - Notification Delivery

