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Social collaborative service recommendation approach based on user's trust and domain-specific expertise

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## Highlights

- Proposing a novel Web services decentralized discovery approach that based on social and collaborative filtering -based recommendation mechanisms.
- Recommending to the active user the appropriate Web services that meet his needs according to the trust, the domain and the expertise concepts.
- Detecting the social trust level among users' social networks (e.g., Facebook) based on the time -aware interactions and the interest similarity levels.
- Computing the expertise of trusted friends in each domain specific which is known in advance in current user's query.

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