



SOA4All

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Motivation



- The Web currently contains 30 billion Web pages
- Children can create Web pages
- **BUT** the Web contains only ~28,000 ‘true’ Web services (seekda.com)
- Only technologically experienced people can create and work with Web services

Overall Objectives



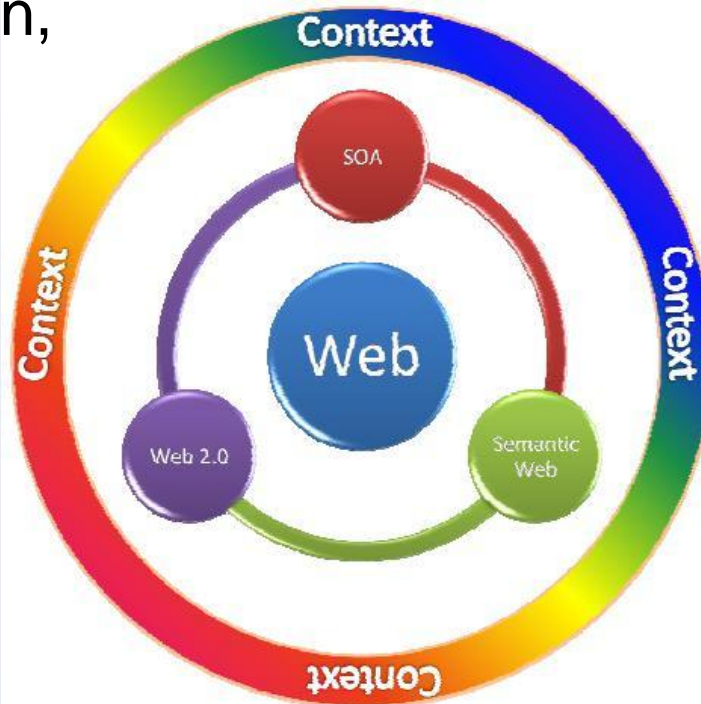
- “Billion of Services”: SOA4All will transform the Web into a domain where **billions of parties are exposing and consuming services** in a seamless and transparent fashion.
- “4 All”: SOA4All will integrate the **service world of large enterprises, SMEs, and end-users enabling them to engage as peers within a network of equals.**

Approach



Web: openness, decentralization, n:m relations, statelessness

Web2.0: content prosumers, service prosumers, communities



Context: user profiles, execution monitoring, service data, social context

Semantics: formal models, service and goal descriptions, processes

SOA4All Architecture



'semantic service descriptions'

'semantic goal descriptions'

'semantic process descriptions'

