

Taxonomy and evaluation of various collaborative platforms

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LOC 3.5 – Collaborative Localisation Platform (Evaluation of various collaborative platforms)

J.J. Collins, Reinhard Schäler

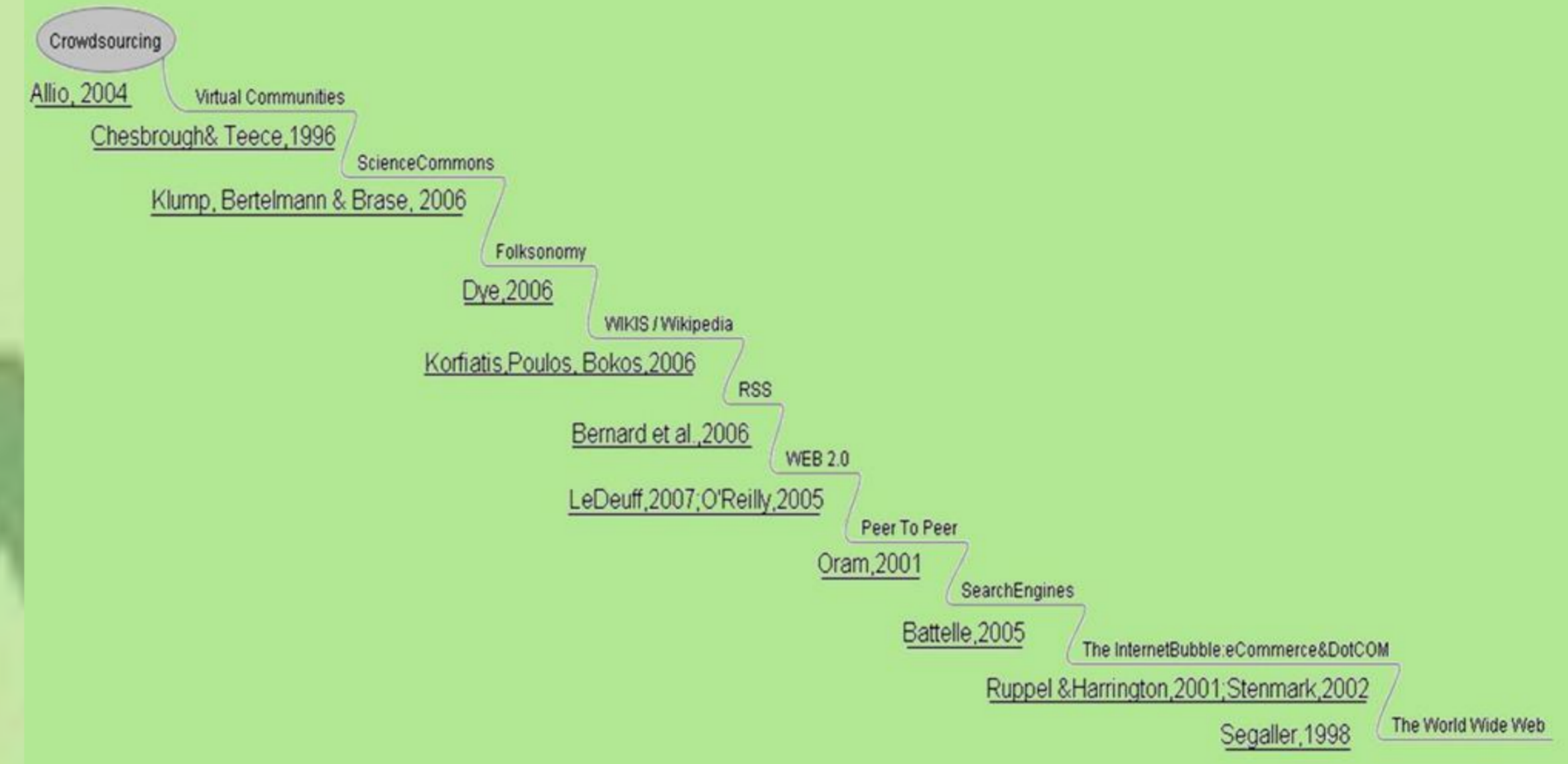
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Abstract:

Electronic collaboration platforms remove geographical boundaries by bringing teams together using infrastructure that supports communication and synchronisation. This evaluation provides an overview of collaborative and functional services provided by such platforms using thirty one feature based criteria as the basis for comparison. The study also presents a taxonomy based on collaborative applications. This evaluation also encompasses existing groupware platforms and the crowd-sourcing paradigm, in which groups of people participate to form collaborative communities that are vertically focused. The selected platforms vary in terms of functionality and content management approaches.

The main objective of this study is to find an efficient Crowdsourcing platform, which will meet LOC's requirements and will best resolve the challenges currently faced by academia and industry with respect to deployment and promotion of such platforms. One important aspect of this evaluation is the findings on Application Programming Interfaces (APIs). Using these APIs one can invoke the feature of these platforms that allows the composition of features in novel and efficient ways when developing clients and front-ends. Another finding is the Business Process Management and Workflows management capabilities of these collaborative infrastructures.

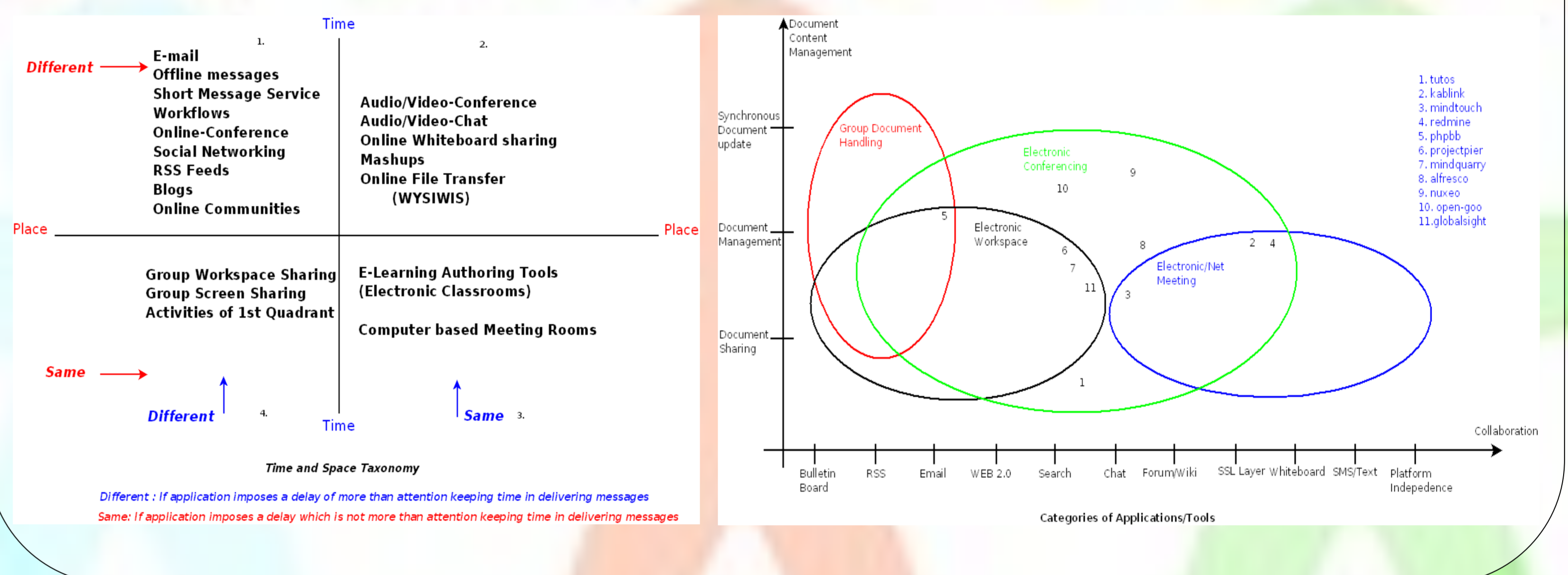
History:



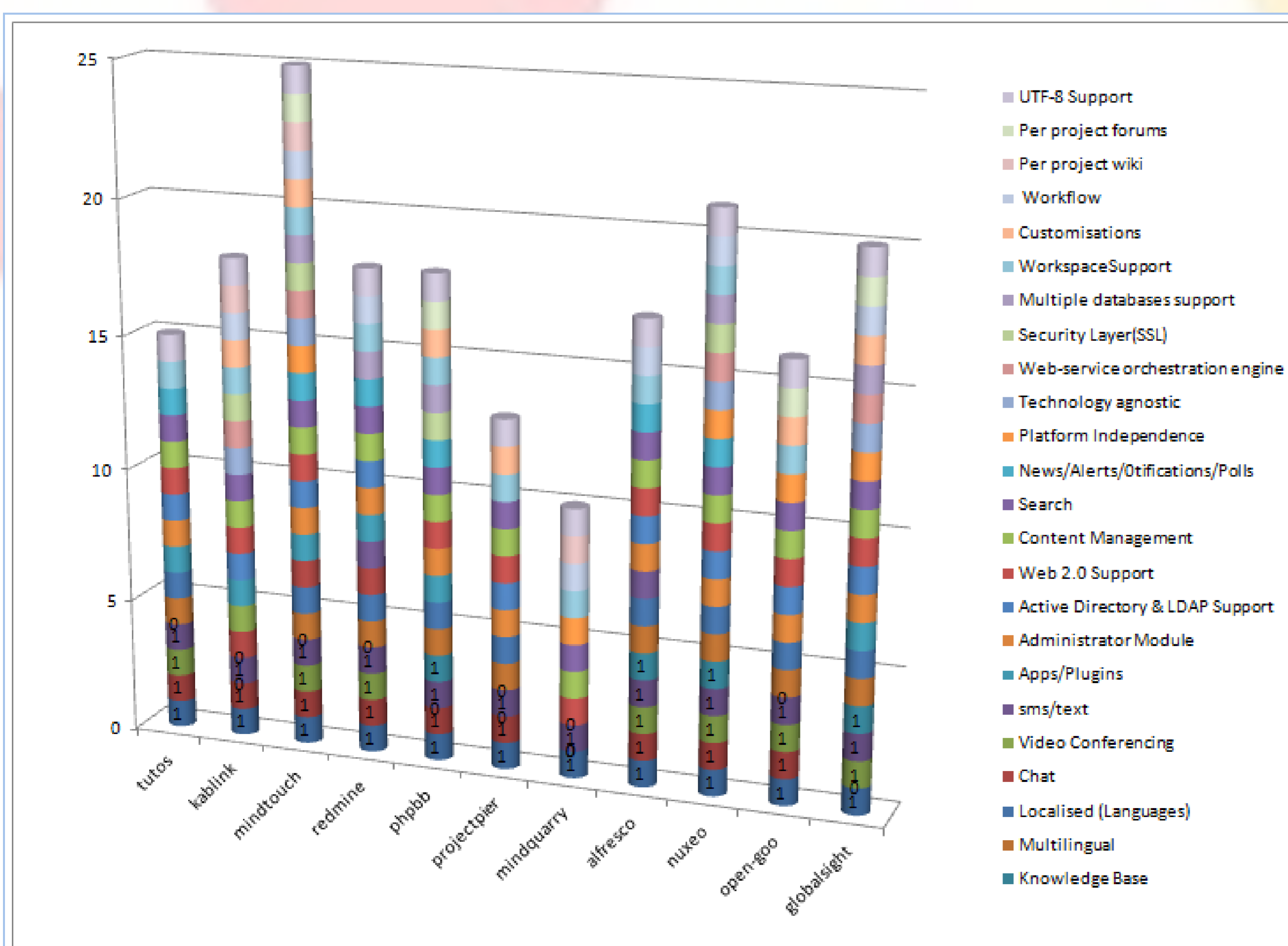
Web 2.0 Mindcloud:



Taxonomy:



Findings:



Platforms Evaluated:

Tutos
Kablinc
Mindtouch
Redmine
Phpbb
Projectpier
Mindquarry
Alfresco
Nuxeo
Open GOO
Globalight

<http://www.tutos.org>
<http://www.kablinc.org>
<http://www.mindtouch.com>
<http://www.redmine.org>
<http://www.phpbb.com>
<http://www.projectpier.org>
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<http://www.nuxeo.com>
<http://www.opengoo.org/index.html>
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