

Making EGI software visible to the world with Google and Applications Database

Monday, 16 September 2013 09:00 (8h 30m)

Description of Work

IASA from the Greek NGI is the provider of the EGI Applications Database since 2010. The Applications Database (AppDB) is a software registry and repository that stores information about various types of software tools and services that are available for EGI users, and about the programmers and scientists who have developed and use them. AppDB makes software visible, searchable and usable within, and beyond the EGI community. Technical and research domain specific filters, tags, ratings and comments provide a structure for the content.

The development of the AppDB service has been entirely rely on AJAX techniques. Although this direction offers to the end-users unique advantages in terms of interactivity and easiness of navigation, it also introduces some difficulties to the search engines for identifying individual pages of the site. The recent integration of the AppDB service with Google's search engine, dominant on this field with more than 900,000,000 unique visitors/month, leaving 'Bing' at the second place with almost 165,000,000 unique visitors/month, overcomes these problems and makes the EGI AppDB content highly visible to the entire world.

From an internal prospective and always having as our mission to deliver a user-friendly environment to our target research communities, the search mechanism of the AppDB has been evolved with faceted search techniques. Hence, it offers mechanisms for accessing information that is organized according to a faceted classification system, allowing users to explore a collection of technical as well as scientific information by applying multiple filters.

Through this poster presentation, the IASA team will try to:

- highlight the technical steps followed for the AppDB - Google integration to be realized
- list the structured data available for Google's engine
- present indicative success stories about registered software items that gain high visibility and climbed up to the Google's search results
- underline the principals and the techniques followed for the internal faceted search implementation
- stipulate the rules followed for delivering a straightforward 'faceted' users interface

Relevant URL (if any)

<http://appdb.egi.eu/>

Printable Summary

IASA from the Greek NGI is the provider of the EGI Applications Database since 2010. Since 2013 AppDB provides a unique, permanent, user-friendly URL for each of the registered software entries. Such a URL is an easy to use pointer to the profile of the entry, showing detailed information about the capabilities, accessibility and providers of the EGI software. A recent development of AppDB now makes these unique URLs very visible through the Google search engine, improving the visibility of EGI software worldwide.

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This poster presentation will:

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- list the structured data available for Google's engine

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Session Classification: Posters display