Abstract

The recent trend in application development that creates globally accessible, Internet-based applications has proved to be a critical paradigm for developers. However, the development of such applications often require the creation and management of online database storage servers, re-creation of user management schemes and writing a lot of unnecessary code for accessing different web-based services using their APIs. Our architecture, named Flare, proposes a structured and easy way to develop applications rapidly, in a multitude of languages, which make use of online storage of data and management of users. The architecture eliminates the need for server-side programming in most cases. A Web API provides a common API for various web-based services like Blogger [2], Wordpress, MSN Live, Facebook [3] etc. Access Libraries provided for major programming languages and platforms make it easy to develop applications using the Flare Web Service. We demonstrate a simple micro-blogging service developed using these APIs in two modes: a graphical browser-based mode, and a command-line mode in C++, which provide two different interfaces to the same account and data.
Reference

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Index Terms

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Key words

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