

## Abstract

Mashup is a Web application that combines data from more than one source into a single integrated tool. The term Mashup implies easy, fast integration, frequently done by access to open APIs and data sources to produce results that were not the original goal of the data owners.

A mashup application is a web mashup that provides a complete set of functions for the user. This means a mashup application is the entire purpose of the system. For example, a mashup might take data from Flickr, the photo storage and sharing application and mash it up with Google Maps, the online mapping application to display photos that come from a particular geographical area. By themselves, neither Flickr nor Google Maps are able to provide these features. However, this mashup's functionalities only come from combining both APIs; the web application cannot exist without the APIs. The functionality of the mashup is a synergistic product of creative usage of APIs from both sources.

All this translates into a highly productive development framework in which web applications can be developed, deployed, and maintained easily. This framework, coupled with the fact that it uses Ruby, makes it an excellent platform for developing web mashups.

Keyword : *Mashup, API, RSS*