Situational Applications and Web 2.0
IBM WebSphere® sMash and Project Zero
Student Offering

There is increased pressure in industry today to build applications quickly in order to respond to the situational needs of the business. These needs are being satisfied more easily than ever before by a growing number of services on the Web, and revolve around new programming approaches, mainly dynamic scripting languages (e.g, PHP Hypertext Preprocessor and Groovy). To make these situational applications feasible from a cost/benefit perspective, they must be simple to create, support reuse and sharing of services, and be quickly adaptable as the needs of the group or user change.

IBM WebSphere® sMash advances the simplicity of Service Oriented Architecture (SOA) and accelerates the alignment of business and IT by allowing developers to quickly and simply deliver dynamic Web 2.0-based applications, enabling mashups. WebSphere sMash is a development and execution platform based on the highly acclaimed public incubator known as "Project Zero".

Using WebSphere sMash, you can:

- *Quickly build and deliver situational applications that meet user-specific needs*
- *Leverage REST technology to expose and consume Web services*
- *Provide a cost-effective solution*
- *Assemble server-side logic and build user interfaces using visual tooling*

This student offering will get you on your way to learning more about this exciting, leading-edge technology. Each step in the learning roadmap includes links that will take you directly to the referenced source. For some of these links, you may require an IBM ID and password to access the information. To register for an IBM ID and password, click here.

1. Gain an overview of WebSphere sMash and Project Zero.

- Learn more about WebSphere sMash

- Learn more about Project Zero, the development community for WebSphere sMash.

2. Download, install and get started with WebSphere sMash and Project Zero.

- Download WebSphere sMash Developer Edition or Project Zero

  - o Note: Project Zero is the development community and latest builds of WebSphere sMash.
- Getting Started Videos

- Tutorial: Get Started with Project Zero and PHP

3. Try out your skills and create an application.

- Tutorial: Create a Photo Album Application

4. Continue the learning.

- Interview with IBM Fellow and WebSphere CTO on the topic of Project Zero

5. Students: Post Your Resume.

Increase your chances of finding employment with industry-leading companies by posting your resume on the IBM Student Opportunity System! Students who gain experience on IBM technologies through courses, independent study, contests, and certification, are able to take advantage of this added benefit.   Work with your professor to gain access to this database that is accessible by tens of thousands of IBM customers and business partners worldwide!

• Access the Student Opportunity System

We hope you find this information in helpful. Check out our other offerings listed in the Student Software Catalog and continue to learn about leading-edge technologies from IBM. The IBM Academic Initiative team wishes you every success in your academic career!