

MySQL Time Machine

Client

David Flammer, Data Verity, david@dataverity.net

Background

Data integrity in databases is extremely important. Using backups and logging in MySQL, it's possible to piece together data at almost any time in the past, but no good interfaces exist to do it easily.

Project Goals and Requirements:

The goal of this project is to make a time machine for MySQL. It will involve two sides: first, a graphical user interface (in Javascript and HTML) to set up time machine settings. This will tell MySQL when to back things up, and possibly set binary logging settings. Second, a graphical interface for pulling up the state of a table at any instant (within reach based on the settings you created from the first step).

Students will learn a lot about MySQL database management in real-world scenarios. The majority of the programming will be done in Javascript with some PHP and bash.

Suggested team size:

3 students

Paid internships are available after Field Session for students that perform well.

Skills/Experience for CSM Students:

- Javascript/AJAX
- PHP
- MySQL