

## **GLASS: Transparent Persistence for Seaside**

While the Seaside framework elegantly addresses HTML generation and application flow-of-control issues, it still leaves challenges for the developer--including persistence, multi-user coordination, and scaling. With typical solutions (including object-relational mapping, external files, and multiple images) the "pure objects" experience of Smalltalk is compromised. In this presentation we will demonstrate GLASS (GemStone, Linux, Apache, Seaside, and Smalltalk), a stack (analogous to LAMP) that provides a robust environment for deploying sophisticated, dynamic web applications that can scale. GLASS runs on GemStone/S 64 Bit, a Smalltalk application server and database, whose Web Edition is available for free--even for commercial use.

James Foster has been working with computers since Fortran programs were submitted on punch cards and 'core' was a fine mesh of wires with tiny magnetic rings. He has been programming in Smalltalk since 1993 and has developed applications with VisualSmalltalk, VA Smalltalk, VisualWorks, Dolphin, and GemStone/S. James is currently QA Lead on the Smalltalk Engineering team at GemStone.