

Web Velocity

Web Velocity is a web application development and deployment environment built on Seaside and Glorp. Unlike traditional Smalltalk development systems, Web Velocity hosts the development environment within the web browser itself, including the browsing and inspecting tools and the debugger.

Web Velocity is a commercial environment built by Cincom System, Inc. It is built on top of software that is open source and cross Smalltalk dialect: Seaside and Glorp. Seaside provides the base environment for building web applications, while Glorp provides the basic database mapping technology. Web Velocity builds on top of these base tools by adding:

- ActiveRecord style database mapping
- Scaffolding support to make the display of common CRUD style applications easier, with support for:
 - List displays
 - Grid displays
 - Editing support
- Fully in-browser development with Javascript driven tools for
 - editing source code
 - versioning and loading source code
 - typical Smalltalk searches (implementors/senders)
 - inspectors
 - debugging

The software was largely written by the following Cincom developers:

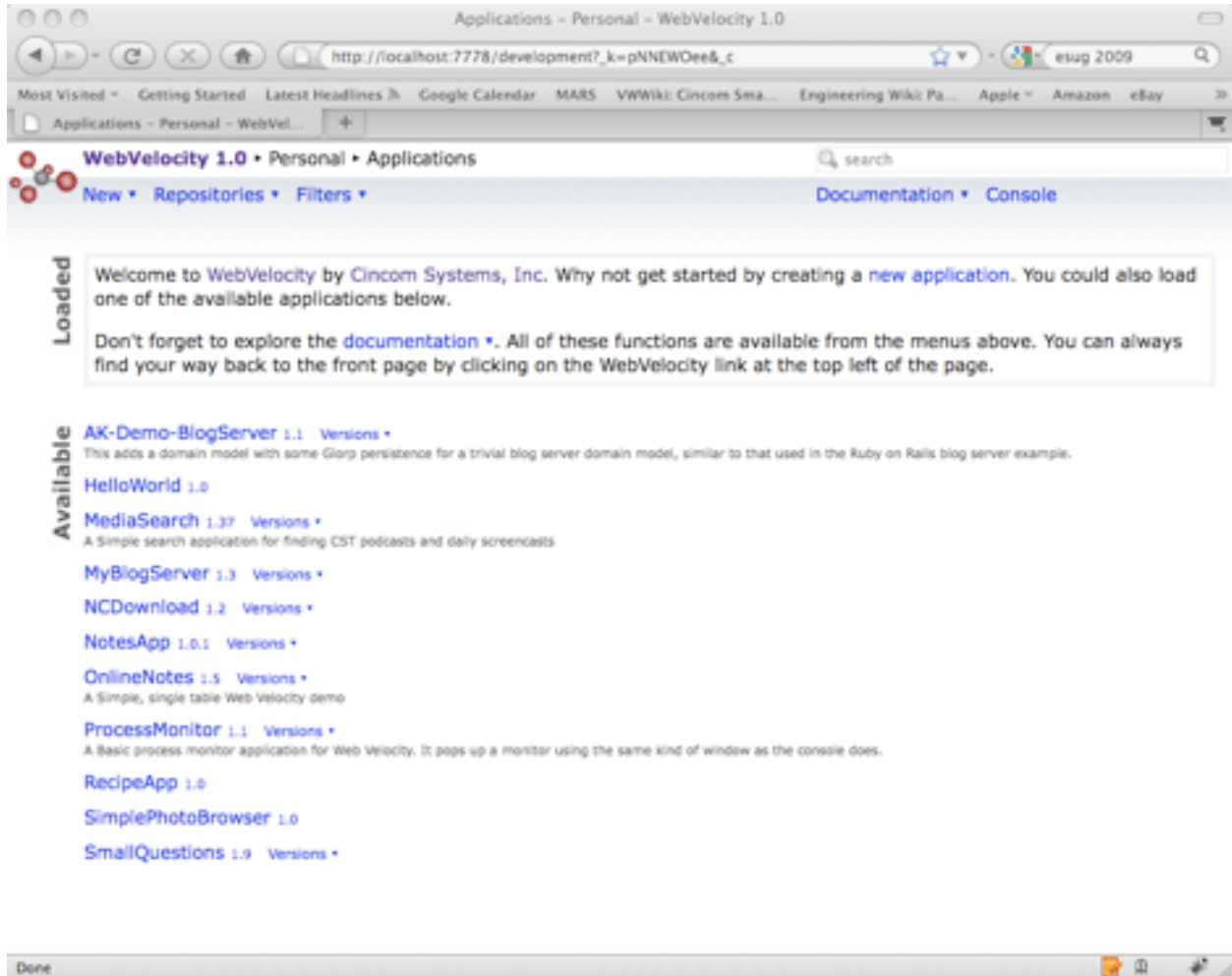
- Michael Lucas-Smith
- Jerry Kott
- Tamara Kogan
- Martin Kobetic

Glorp has been largely developed by Alan Knight, with various contributors over the last few years, both within Cincom engineering and in the larger Smalltalk community.

Web Velocity is commercial software, but it has not (as of late June, 2009) been released commercially. The exact terms for sale have not been determined as of yet.

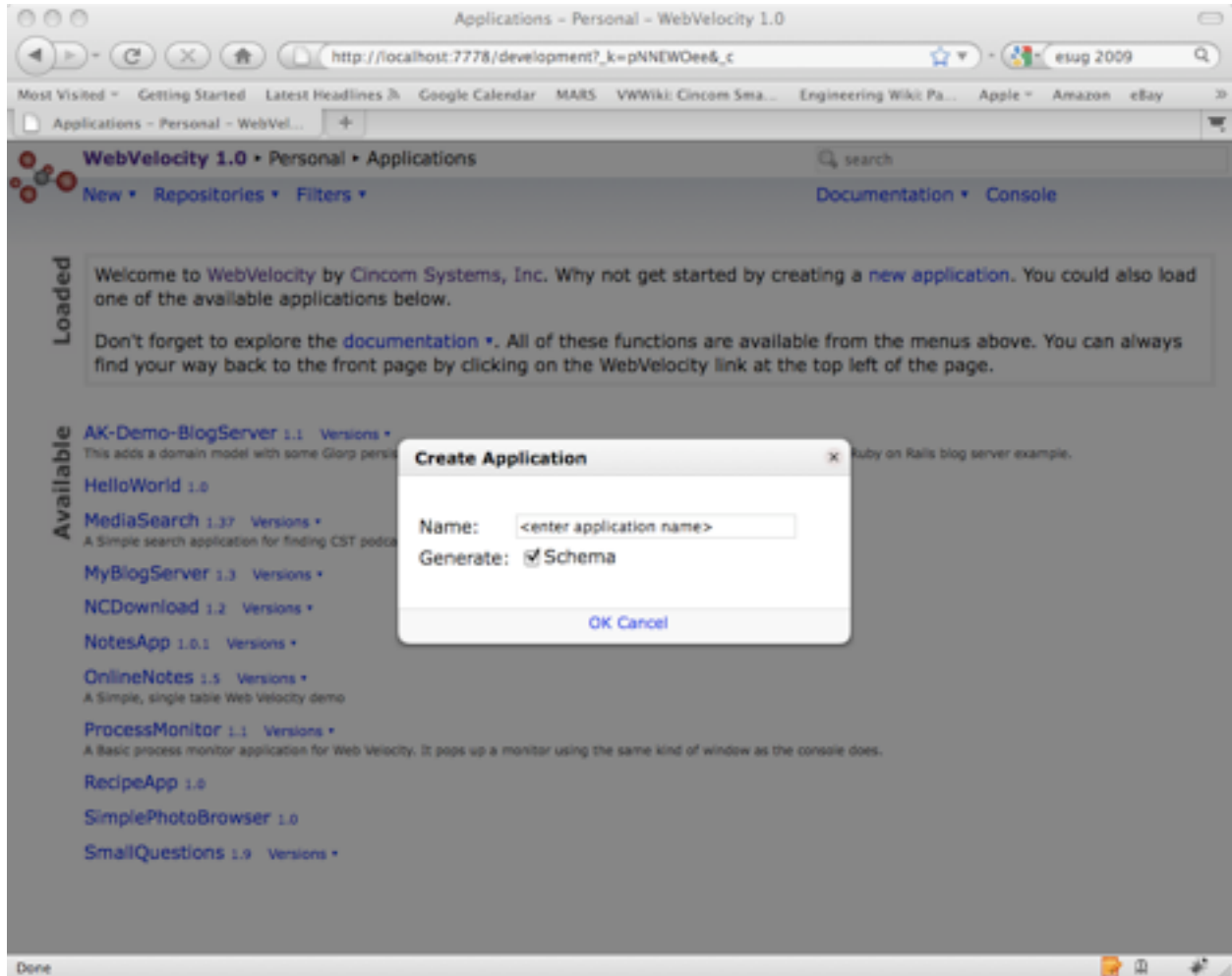
The workflow for developing a Web Velocity application may be seen in the following screen captures:

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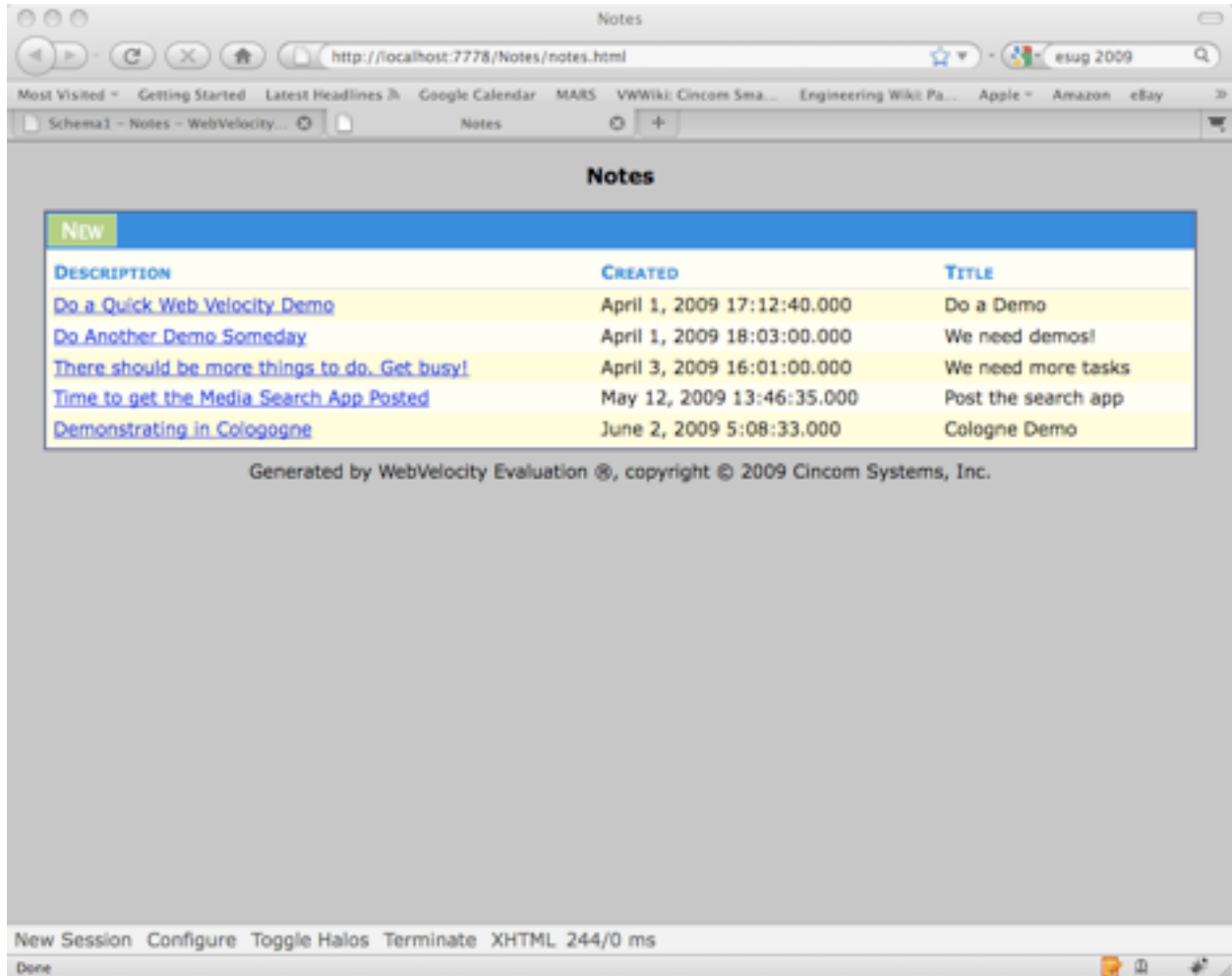
After selecting New>>Application:

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After providing database login credentials and selecting a table to map, the following display screen is presented in the default display theme (CSS):

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Customization is possible from there in multiple ways; a live Web Velocity application which backs to PostgreSQL may be viewed here: <http://www.cincomsmalltalk.com/mediasearch>.

There are also a large number of screencasts which walk through various usage scenarios here:

http://www.cincomsmalltalk.com/userblogs/cincom/blogView?content=smalltalk_daily_coming_attractions

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