

Say Hello to Solstice

Solstice is a Web application development framework for Perl. Based on the MVC programming paradigm, it provides a sensible layout for Web applications that helps you write applications faster and with fewer mistakes.

Solstice serves as the foundation for a suite of enterprise communication and collaboration tools used at the **University of Washington**. We are in the process of readying these tools for open source release. They will offer you rich starting points, examples, and solutions for your own applications.

What Makes Solstice a Different Perl Framework?

Solstice is designed to support large, complex applications that have a serious need for structured navigation. Its state-machine based navigation system ensures that users stay on the paths they need to follow within your Web application.

Why Use Solstice?

With any mod_perl enabled Apache server, Solstice provides easy installation and proven scalability. Specifically, Solstice will provide your application with:

- * a state machine-based navigation system,
- * integrated validation,
- * highly reusable and embeddable page elements,
- * session management,
- * user and group models for flexible, built-in authorization,
- * a development mode for realtime diagnostics, and
- * a focus on scalability.

You can also use Majere, a Web-based development tool that automates the creation of applications and manages their configuration, when you work with Solstice. Majere frees you to focus on the more interesting parts of application development and is available along with Solstice on our download page:

<http://solstice.eplt.washington.edu/Download>

Sweet Solstice Features

AJAX API
Authentication System
Authorization System
Boilerplates
ButtonService
Button Attributes
Configuration
Continuations
Cross-application Navigation
Database Layer
Email Interfaces
Embedded Page Elements
Global Navigation
Groups
ImplementationManager
Integrated Messaging
LanguageService
Logging
Model Datatype Protection
Object Locking
Pageflows with Input/Output
Persistence Values
Preference Management
Session Management
Smooth Error Handling
SortService
State-machine-based Navigation

Downloads

All downloads are available at the Solstice website:
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Themepark

Themepark is where you can find themes or skins to change the look and feel of Solstice applications.

Majere

Majere is a Web-based development tool that automates the creation of applications and manages their configuration so that you can focus on more interesting things. When using Majere to create your pageflows and define your models, writing Solstice applications becomes a faster, more reliable process. You can write Solstice applications without Majere, but it takes most of the repetitive work out of the process.

Admin Suite

The Solstice Admin Suite consists of tools that allow you to override as another user, create system messages, and manage session information.

UMail

UMail allows you to create an anonymous email feedback form you can link to from a Web site.

Coming Soon

Group Manager (late-August, 2006)

GroupManager is used to build and maintain groups to control access to Solstice applications.

WebQ 4.0 (fall, 2006)

WebQ helps you create online surveys, quizzes, and questionnaires. The tool allows a variety of question formats, including branching questions and skip-logic, and you can insert images, diagrams or simulations.

EPost 2.0 (winter, 2007)

EPost lets you create online discussion forums. You can also attach files, use Group Manager to control access, and assign guest and moderator roles.

We will release more of our tools and new applications as quickly as we are able. If you want to learn more about the tools built on Solstice, you may find them here:

<http://catalyst.washington.edu/webtools>

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