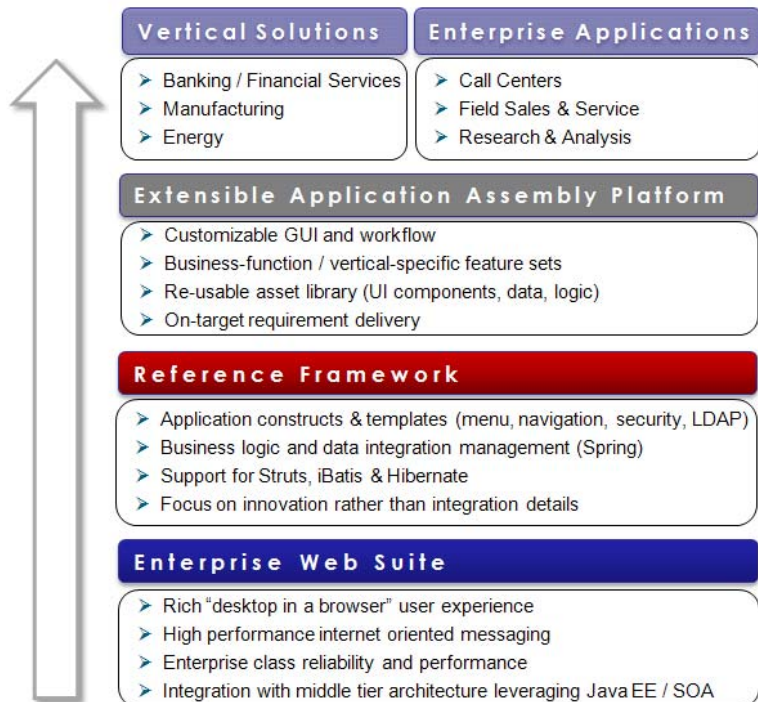


Nexaweb Reference Framework

An Application Assembly Platform for Custom Business Solutions

The Nexaweb Reference Framework is an extensible application assembly platform that dramatically simplifies the development and delivery of custom business applications and services.

The Reference Framework provides a set of constructs and templates that manage application configuration, data integration and architecture development. By abstracting application teams from these ubiquitous and error-prone elements, the Reference Framework enables them to focus on workflow, business logic and the user interface. These elements capture the IP and best practices that give an enterprise its competitive advantage and an edge in the marketplace. Commonly, it is also these elements that can help reduce operating costs by increasing user productivity and improving process efficiency.



Reduce Risk, Decrease Effort, Increase Flexibility

Supporting the Reference Framework's application constructs and templates is its revolutionary modular architecture. Similar to SOA, the framework de-couples application business logic from middle-tier technologies. This allows IT professionals to view application assets as components that can be developed, maintained, and re-used independent of data and infrastructure elements. This independence has proven to reduce change management related functions by nearly 90%.

Likewise, the Reference Framework's modularity makes it an ideal platform for application portfolio management and vertical business solution development. By decoupling the specific layers of an application (user interface, business logic, middle-tier, data, etc.), the Reference Framework facilitates a 'plug-and-play' development process. This approach has proven to reduce the time and costs required to modernize client/server applications developed using Sybase PowerBuilder, Java Swing, Microsoft Visual Basic, Oracle Forms and others by as much as 67% in early customer implementations.

For example, with Nexaweb and the Reference Framework a financial services firm can utilize components of its existing trading platform (back-office, middle-tier, and third-party data integration) to deliver a new solution targeted at regional banks that reuse's workflow, business logic and UI configuration elements from its legacy, internal system. Furthering the process, the regional banking client interface can be modified to support an online customer self-service application that leverages the same middle-tier and data infrastructure. Each new application can be created more rapidly, at less cost and risk than the previous without requiring further infrastructure investment.



This same value proposition enables system integrators, consultants, and software houses to reduce costs while providing customers more competitive, extensible business solutions. With Nexaweb's Reference Framework, these providers can more rapidly create custom business applications and vertical market solutions that draw on subject matter expertise at a fraction of the cost and time associated with native application development or a custom-off-the-shelf software implementation.

Features & Functionality:

- Application constructs and templates remove time spent on an architecture and integration; focuses development on user interface (UI) design, processes and business logic to improve efficiency and promote consistency across application portfolios.
- Brings enterprise applications to the Web using common client/server functionality including the ability to define user permissions and roles, establish keyboard-driven navigation, support large data sets (5,000 rows plus), create a multi-document interface (MDI), and support for common functions such as LDAP integration, printing, and report generation.
- Allows multiple developers to work on the same code base without overlap via an 'application definition file' where page commonalities such as navigation, menu action, etc. are described.
- Provides an adaptable style sheet that allows enterprises to brand new and existing applications to match their established look and feel.
- Reduces the need for enterprises to establish and invest in internal Centers of Expertise for managing architectural decisions and maintaining the code.

Nexaweb Enterprise Web Suite

The Reference Framework is a component of Nexaweb's Enterprise Web Suite and is pre-configured with a target architecture based on JavaEE version 1.4 and the Spring Framework for managing business logic objects and data integration. It supports pluggable Object Relational Mapping technologies including Struts, iBATIS and Hibernate. Nexaweb's Enterprise Web Suite is a comprehensive application development, modernization and deployment platform for enterprise web applications. Its proven real-time data push capabilities enable GUI and data response times measured in milliseconds. Advanced clustering and failover capabilities ensure transaction accuracy and intelligence. Nexaweb's Enterprise Web Suite supports multiple deployment mechanisms including standard browsers, portals, and desktop environments.