

Websydian v6.1 and WebsydianExpress v3.0

What's new

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With Websybian since WebsybianExpress v.1.0

Websybian

WebsybianExpress

Platform, runtime, generic features: ready basic site, menu structure, user management, authorization system

Websybian Web Developer

Develop web applications in CA Plex (Patterns)

Websybian WebClient for CA Plex

WYSIWYG HTML directly off the CA Plex panel

Websybian TransacXML

Develop Web Services in CA Plex – handle document and RPC based services

Websyidian

Websyidian Web Developer

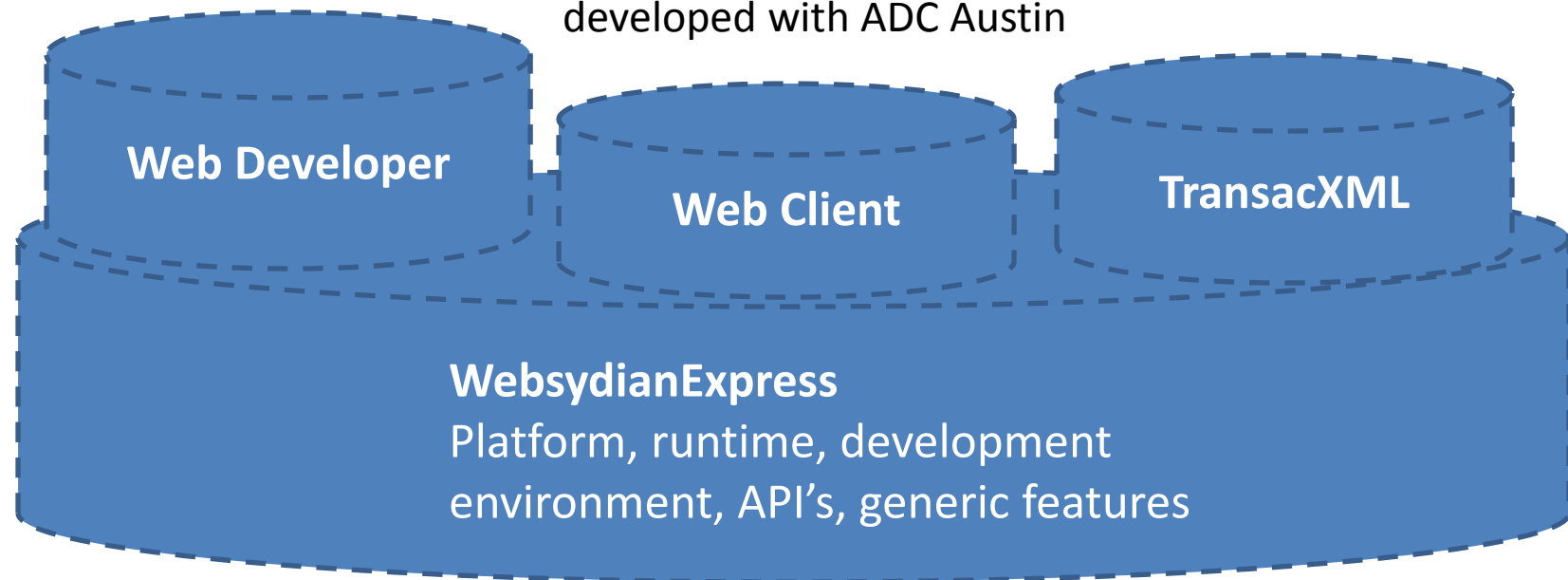
Web application development
in CA Plex (Patterns)

Websyidian WebClient

WebClient for CA Plex co-
developed with ADC Austin

Websyidian TransacXML

Web Services in CA Plex –
handles document and RPC
based services



The Websyidian focus

Enable web and Web Services development for CA Plex,
CA 2E and RPG.

Make the development process easy and fast.

Ensure that the end-product meets the challenge.

WebsyidianExpress

Issue

- The need to have your site in several languages
- ... and messages – external and internal



Language support – multiple languages

- Several languages, one site
 - Uses same back-end, same functionality – language just changes.
 - Translation of menu items directly in the site structure
 - Flags as buttons for language selection
 - Choose language for messages to end-user and internal log messages
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WebsyidianExpress

Issue

- Messages that don't make sense to your target groups



WebsyidianExpress

Comprehensive messaging

- Create your own text messages and log messages
 - Get precise and detailed info on all events
 - Log messages are grouped as in CA Plex (Information Warning Error).
 - Search the message log combining the following parameters: date and time – down to milliseconds, severity, whether the logged event has been handled or not, category, site, user, session, type, ID, request
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WebsyidianExpress

Issue

- Tricky editing of static text



WYSIWYG editor

- Edit static text directly in the live site from the browser
 - Access to the editor is controlled by roles
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WebsyidianExpress

Issue

- Embracing the technology of tomorrow with CA Plex

WebsyidianExpress for Java

- Integrates with Websyidian WebClient.
 - Ensures high performance through balanced work load provided by the servlet platform.
 - Deploys easily and seamlessly in your choice of servlet engine which further reduces the complexity of your production environment.
 - Currently supports MSSQL and IBM i as database back-end
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WebsydianExpress

Issue

Missing record locking in CA Plex causing duplicate keys

Unambiguous surrogate system

- API's provided for use of the WebsydianExpress surrogate system
 - Duplicate surrogates e.g. session id are avoided.
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WebsydianExpress

Issue

- The challenge of locating errors in the CA Plex application development cycle. For every call you have to check call status and returning status.

Handle errors in CA Plex in the WE message system

- Catch system logs all defined errors in calls to functions
 - You define the error messages to log
 - Errors are exposed in the message log with indication of location and origin.
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WebsyidianExpress

Issue

- Move site structure and process definitions
- Copy elements and attached processes to external sites e.g. customers' sites or for back-up before starting major work.

Export – import facility

- Move from test to production in a matter of minutes.
 - Export/import elements, site structure and process definitions
 - Export/import is performed directly in the administration module.
 - Instantiate elements with elaborate structure and processes to external sites.
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WebsyidianExpress

Issue

- Happy with the API's but you want more flexibility

Open architecture and call back functionality

- New API's and call back functions have been made available
 - Break out of the Websyidian runtime
 - Add your own call back functions and call back points.
 - Combine API's to make your own business processes
 - Integrate your Websyidian application with other applications
 - Think SOA
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WebsyidianExpress

Issue

- Inactive users take up part of your session capacity

Differentiated session timeout

- Give e.g. customers one session time out and your own staff another



WebsyidianExpress

Issue

- Determining the cause of failing events and lengthy event response



Collecting statistics for analysis

- Logging facility of all the data on a request; when, what, how, who etc. - Log entire request.
 - Info on load on your system, events, number of requests, length of sessions, visitors, navigation etc.
 - Monitor the load at all times and adjust the capacity to ensure that no one is denied access due to capacity problems.
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TransacXML

Issue

Need for the ability to handle other party's XML definitions.

Schema and WSDL import for Web Services

- Import (client side) of WSDL definitions (and referred schemas) of Web Services directly into CA Plex
 - New modeling elements for data definitions for RPC encoded and RPC literal Web Services
 - Simplified interface to the SOAP generator
 - New abstract functions for XML calls
 - Improved modeling of complex values
 - Loading of document from string
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WebsyidianExpress

Issue

Tackling the challenge of multiple communication channels
– web and Web Services

Web Services in WebsyidianExpress

- Publish your Web Service in WebsyidianExpress.
 - Use one platform for web and Web Services – the interface you know.
 - Keep developers focused on business logic.
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Support and compliance

- IP/v6
 - UTF8 on System I (DBCS) - supports double-byte character sets of Asian languages
 - CA Plex v6.1
 - We have removed the need for the IdentifyInputField scoped to the event handler.
 - We supply string functions for CA Plex e.g. Base 64 encoding/decoding.
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