

# Working with ApplinX Frameworks

Web Application Configuration	Configuring Your Web Application
General Application Customization	Customizing the Default Template
	Creating a New Template
	Activating an Application Map from a Menu
	Using ApplinX Repository Folders' Structure to Organize Web Pages
	Controlling the Connection Properties from the Code
	Handling Flickering of Screens
	Waiting for Screens, using Wait Conditions
	Customizing the Host Keys
	Activating the Screen Locker
	Natural UNIX: Integrating a Login Page in the Web Application
	Implementing & Controlling JavaScript Events using the gx_event Object
	Retrieving Data from Fields Outside the Modal Window Currently Displayed
	ApplinX Server Load Balancing
	Retrieving the Host Printer Device Name from a Database and Setting the ApplinX Printlet to Work with that Device
	Customize ApplinX Framework Session Error Handling
	Customize the Web Application's Error Page
Transferring Natural Data to/from the Host	Transferring Data using ActiveX
	Transferring Data without using ActiveX
	Activating a Natural Command
Instant Pages Customization	Using a Proportional (Non-Fixed) Font in Web Pages
	Controlling Instant Display Properties
	Code Transformations
	Creating a New Code Transformation
	Applying a New Transformation to all Screens
	Applying a New Transformation to a Screen Group
	Manipulating Individual Host Fields
	Positioning Specific Fields

	Formatting Specific Fields
	Replacing a Field's Text
	Replacing a Field with a Web Element, Adding a Web Element
	Manipulating Host Characters
	Manipulating Host Keys
	Improving Transitions between Screens
Emulation Behavior Tasks	Customizing the Background Check for Host Screen Changes
	Enabling the User to Control the Font Size
	Opening Multiple Web Sessions
	Printing a Capture of the Host Screen
	Enabling Sending Dup and FieldMark Characters to the Host
Page Customization	Generating a Framework Page for a Screen
	Creating Designed Web Pages
	Using Web Application Controls in Generated Pages
	Partial Page Rendering
	Creating a Button / Hyperlink for Submitting a Host Key
	Creating a Button / Hyperlink for Executing a Navigation Path
	Collect all Modified Page Fields into an ApplinX Request
	Exporting Data to an MS Office Application (Excel, Word)
	Building an External Login Page
	Collecting Data from Multiple Host Screens
	Binding Procedure Outputs to an ApplinX Framework Based Web Page
	Updating Data in Multiple Host Screens
	Activating a Server Side Function from JavaScript
	Mapping Keyboard Keys to User Actions in Individual Pages
	Handling the Screen Locker on the Page Level
	Navigating between Input Fields
	Retrieving Browser Information
	Validating your Data
	Handling Web Application Windows using the gx_windows Object
	Working with Cookies
	Working with JavaScript User Exits

	Retrieving HTML Objects using <code>gx_getElement</code>
	Using the Calendar Component in Generated Pages
	Replacing Static Host Confirmation Messages with JavaScript Confirmation Pop-up Box
	Opening an Independent Pop-up Box that doesn't have a Corresponding Host Screen
Working with Tables	Creating a Page with a Table
	Adding the Sorting Capability to a Screen-Based Table
	Adding the Sorting Capability to a Procedure-Based Table
	Changing Table Layout for Instant HTML Pages
	Retrieving Values from a Selected Row within a Table
	Customizing the Table's Display
Transferring Files (FTP)	FTP Configuration
	Using FTP to Upload Files
	Using FTP to Download Files
Printlet Servlet Redirector for ApplinX	
Framework Management	Upgrading an Existing JSP Web Application
	Deploying an ApplinX Web Application (JSP)
	Upgrading an Existing .NET Web Application
	Deploying an ApplinX Web Application (.NET)
	Disconnecting the Host Session Correctly
Troubleshooting your Framework	Performance Monitoring
	JavaScript Logger Engine
	Investigating the Web Application's Code