

# 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 gx\_getElement

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