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## Template

This is an *application.xml* for business applications (with all possible parameters):

[application.xml](#)

```
<application>
  <!-- Connection parameters -->
  <Application.serverbase>http://localhost/JVx.Server</Application.server
base>
  <Launcher.codebase>[Application.serverbase]/services/CodeBase/</Launche
r.codebase>

  <Application.connectionClass>
    com.sibvisions.rad.remote.http.HttpConnection
  </Application.connectionClass>
  <_Application.connectionClass>remote.net.VMConnection</_Application.con
nectionClass>
  <Application.connectionParams>url,serializer</Application.connectionPar
ams>
  <Application.connectionParams.url.name>service</Application.connectionP
arams.url.name>
  <Application.connectionParams.url.value>
    Application.serverbase]/services/Server
  </Application.connectionParams.url.value>
  <Application.connectionParams.serializer>
    com.sibvisions.rad.remote.ByteSerializer
  </Application.connectionParams.serializer>
  <Application.authenticator>
    com.sibvisions.apps.auth.UserPwdAuthenticator,
    com.sibvisions.apps.auth.NtlmAuthenticator
  </Application.authenticator>

  <!-- UI parameters -->

  <Application.language></Application.language>
  <Application.timeZone></Application.timeZone>
  <Application.translation>
    /com/sibvisions/apps/projx/translation.xml
  </Application.translation>
  <!-- empty, modern, classic -->
  <Application.iconstyle />

  <Application.Login.application>myerp</Application.Login.application>
  <Application.Login.username>admin</Application.Login.username>
  <Application.Login.password>admin</Application.Login.password>
  <Application.Login.image>
    /com/sibvisions/apps/projx/images/login.png
  </Application.Login.image>
  <Application.Login.loadImage>
```

```
    /com/sibvisions/apps/projx/images/loader.gif
  </Application.Login.loadImage>
<Application.Login.background>255,255,255</Application.Login.background
>
<Application.Login.background_center></Application.Login.background_cen
ter>
  <Application.Login.register>>false</Application.Login.register>
  <Application.Login.manual>>false</Application.Login.manual>

<Application.Menu.ToolBar.small>>false</Application.Menu.ToolBar.small>
  <Application.Menu.exit.visible />
<Application.Menu.changePassword.visible>>true</Application.Menu.changeP
assword.visible>
  <!-- true, false -->
  <Application.Menu.undo.visible />
  <Application.Menu.redo.visible />
  <Application.Menu.logout.visible />
  <Application.Menu.save.visible />
  <Application.Menu.reload.visible />

  <Application.Menu.home.visible />
  <Application.Menu.usersettings.visible />

  <Application.Desktop.image>
    /com/sibvisions/apps/projx/images/background.jpg
  </Application.Desktop.image>
<Application.Desktop.image.valign>bottom</Application.Desktop.image.val
ign>
<Application.Desktop.image.halign>right</Application.Desktop.image.hali
gn>
  <Application.Desktop.background></Application.Desktop.background>

  <Application.Desktop.topimage></Application.Desktop.topimage>
<Application.Desktop.topimage.valign>stretch</Application.Desktop.topim
age.valign>
<Application.Desktop.topimage.halign>stretch</Application.Desktop.topim
age.halign>

  <Application.Desktop.bottomimage></Application.Desktop.bottomimage>
  <Application.Desktop.bottomimage.valign>
    stretch
  </Application.Desktop.bottomimage.valign>
  <Application.Desktop.bottomimage.halign>
    stretch
  </Application.Desktop.bottomimage.halign>

  <Application.InternalFrame.image />
  <Application.InternalFrame.centerfirst />

  <Application.WelcomeScreen/>
```

```
<Application.title>My ERP</Application.title>
<Application.version>1.0</Application.version>
<Application.About.text>
SIB Visions GmbH\n
Wehlistreet 29 / Stair 1 / 2nd Floor\n
A-1200 Vienna\n\n
http://www.sibvisions.com\n
office@sibvisions.com
</Application.About.text>

<Company.name></Company.name>
<Company.url></Company.url>
</application>
```

You can configure your connection class, your desktop images, the default language, the default translation - primarily the appearance of the application.

## Application Properties

### Application.serverbase

The base URL, if needed.

### Application.title

The application title/name.

### Application.title.fixed

If true, the application title won't be changed. Usually, the current username will be added to the title.

### Application.authenticator

A comma separated list of IAuthenticator implementations (full qualified java classes), e.g. com.sibvisions.apps.auth.UserPwdAuthenticator, ...NtlmAuthenticator, ...ConnectAuthenticator, ...AutoLoginAuthenticator, ...ActivationAuthenticator

An authenticator may need a special security manager, e.g., NtlmDBSecurityManager, SpnegoDBSecurityManager, AnonymousDBSecurityManager. Configure the security manager via config.xml

### Application.language

The hard-coded language for the application, e.g., en, de, ru The system locale will be ignored if set.

### Application.timeZone

The hard-coded timezone for the application, e.g. UTC If set, no automatic timezone conversion will be done and the set timezone will be used for all dates.

### Application.translation

The XML resource which contains the translation. If you have a translation provider, e.g., DBTranslationProvider, the file should contain only the translation of pre-login texts. The translation provider will translate everything after successful authentication.

### **Application.translationprovider.classname**

The full qualified java class name of an ITranslationProvider implementation. An application doesn't use a translation provider by default.

### **Application.workscreenmanager.classname**

The full qualified java class name of an IWorkScreenManager implementation. The default implementation is InternalFrameWorkScreenManager (for desktop applications).

### **Application.iconstyle**

Defines which icons should be used. The values are: modern, classic. The iconstyle will be by the ITheme implementation: ModernTheme, ClassicTheme

It's also possible to set a custom theme implementation.

### **Application.theme**

A full qualified java class name of an ITheme implementation.

### **Application.Login.classname**

A full qualified java class name of an ILogin implementation.

### **Application.Login.application**

The name of the application. This name will be set as application name for the Master connection.

### **Application.Login.username**

The username. It will be shown in the login dialog. If an authenticator is set, it will be used for authentication.

### **Application.Login.password**

The password. It will be shown in the login dialog. If an authenticator is set, it will be used for authentication.

### **Application.Login.image**

The image in the login dialog.

### **Application.Login.loadImage**

The image for the login dialog if authenticator is set. If an authenticator is set, the login dialog is very small with only an icon and an info text.

### **Application.Login.background**

The background color of the login dialog.

**Application.Login.background\_center**

The background color of the center area in the login dialog.

**Application.Login.register**

If true, a register button will be shown in the login dialog. The doRegister method of your application will be called. The default implementation does nothing.

**Application.Login.manual**

If true, the login dialog won't be shown automatically. The user has to click the login button. This mode can be used for applications with content for anonymous content.

**Application.Login.autologin**

If true, the autologin checkbox will be shown in the login dialog.

**Application.Login.lostPassword**

If true, the lost password button will be shown in the login dialog.

**Application.Menu.classname**

The full qualified java class name of the menu class. The menu isn't defined as interface.

**Application.Menu.visible**

If false, the menu bar won't be shown.

**Application.Menu.exit.visible**

If false, the exit button won't be shown.

**Application.Menu.changePassword.visible**

If false, the change button button won't be shown.

**Application.Menu.login.visible**

If false, the login button won't be shown.

**Application.Menu.logout.visible**

If false, the logout button won't be shown.

**Application.Menu.loginLogout.visible**

If false, the login and logout button won't be shown.

**Application.Menu.rollback.visible**

If false, the rollback button won't be shown.

**Application.Menu.undo.visible**

If false, the undo button won't be shown.

**Application.Menu.redo.visible**

If false, the redo button won't be shown.

**Application.Menu.logout.visible**

If false, the logout button won't be shown.

**Application.Menu.save.visible**

If false, the save button won't be shown.

**Application.Menu.reload.visible**

If false, the reload button won't be shown.

**Application.Menu.home.visible\***

If false, the home button won't be shown. This feature is not available in all UIs.

**Application.Menu.usersettings.visible**

If false, the usersettings button won't be shown.

**Application.MenuToolBar.small**

If true, the toolbar buttons will be shown without text.

**Application.Menu.ToolBar.visible**

If false, the toolbar won't be shown.

**Application.InternalFrame.image**

The resource path for the internal frame icon.

**Application.InternalFrame.centerfirst**

If true, the first internal frame will be centered.

**Application.InternalFrame.saveOnDeactivate**

If true, a workscreen will be saved automatically if a screen will be inactive.

**Application.Desktop.image**

The resource path for the default desktop background image.

**Application.Desktop.image.halign**

The horizontal alignment of the desktop background image: left, right, stretch

**Application.Desktop.image.valign**

The vertical alignment of the desktop background image: top, bottom, stretch

### **Application.Desktop.image.connected**

The resource path for the desktop background image, if a user is authenticated.

### **Application.Desktop.image.connected.halign**

The horizontal alignment of the desktop background image, if authenticated: left, right, stretch

### **Application.Desktop.image.connected.valign**

The vertical alignment of the desktop background image, if authenticated: top, bottom, stretch

### **Application.Desktop.topimage**

The resource path for the top image. The top image will be shown under the toolbar/menubar.

### **Application.Desktop.topimage.halign**

The horizontal alignment of the top image, if authenticated: left, right, stretch

### **Application.Desktop.topimage.valign**

The vertical alignment of the top image, if authenticated: top, bottom, stretch

### **Application.Desktop.bottomimage**

The resource path for the bottom image. The bottom image will be at the bottom of the desktop.

### **Application.Desktop.bottomimage.halign**

The horizontal alignment of the bottom image, if authenticated: left, right, stretch

### **Application.Desktop.bottomimage.valign**

The vertical alignment of the bottom image, if authenticated: top, bottom, stretch

### **Application.Desktop.background**

The background color of the desktop (RGB values or html notation): 128, 128, 128 or #808080

### **RemoteDataSource.MetadataCacheRole**

The client cache role: global, datasource, off (case insensitive)

### **Application.Help.Url**

The help URL. If not set, the URL will be created as <SERVERBASE>/help/

### **Application.Help.visible**

If false, the help menuitems won't be shown.

### **Application.WelcomeScreen**

The full qualified java class name of the welcome screen. The screen will be shown centered, if the user is allowed to open the screen.

### **Application.Error.classname**

The full qualified java class name of the error class.

### **Application.Error.details**

If false, the details button will be hidden.

### **Application.About.text**

The text will be shown in the about dialog.

### **Application.version**

The version will be shown in the about dialog, if set.

### **Company.name**

The company name will be shown in the about dialog, if set.

### **Company.url**

Currently not used in the application, but used for build scripts.

## **Connection**

The connection properties are very special and depend on the connection class.

### **Application.connection.timeout**

The connection timeout in minutes (-1) to disable the timeout. Usually, the timeout is configured on server side.

### **Application.subconnection.timeout**

The sub connectiontimeout in minutes (-1) to disable the timeout. Usually, the timeout is configured on server side.

### **Application.connection.alive**

The alive interval in milliseconds (-1) to disable the alive check. If you set a value < 1 second, the default value of 30 seconds will be used.

### **Application.connectionParams**

A comma separated list of parameter names. The name will be used to detect the value!

Value detection:

It's possible to define a parameter name and a parameter value:

```
<Application.connectionParams.url.name>service</Application.connectionParams.url.name>  
<Application.connectionParams.url.value>http://...</Application.connectionParams.url.name>
```

It's also possible to use the parameter name as real name and to define only the value:

```
<Application.connectionParams.serializer>com.sibvisions.rad.remote.UniversalSerializer</Application.connectionParams.serializer>
```

### **Application.connectionClass**

The full qualified java class name of an IConnection implementation. This class will be used for the master connection.

## **Launcher Properties**

### **Launcher.codebase**

Used for loading resources during application life cycle.

### **Launcher.logfactory**

The full qualified java class of a LoggerFactory implementation. The default implementation is JdkLoggerFactory.

### **Launcher.uifactory**

The full qualified java class name of an IFactory implementation.

### **Launcher.environment**

The environment name. Usually, the environment will be detected automatically.

### **Application.LookAndFeel**

Sets the look and feel class name. This parameter is technology dependent and usually only Swing UI takes care of this parameter.

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