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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.serverbase>
<Launcher.codebase>[Application.serverbase]/services/CodeBase/</Launcher.codebase>

  <Application.connectionClass>
    com.sibvisions.rad.remote.http.HttpConnection
  </Application.connectionClass>
<_Application.connectionClass>remote.net.VMConnection</_Application.connectionClass>
<Application.connectionParams>url,serializer</Application.connectionParams>
<Application.connectionParams.url.name>service</Application.connectionParams.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.MenulToolBar.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 serve 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.connectionPa
rams.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.Universal
Serializer</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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