AMERPSOFT Themes (New Format IDEMPIERE-4421)

Idempiere Plugin: **org.amerpsoft.com.zk_themes**

AMERPSOFT Themes is a collection of themes from different sources and contributors.
Joining on a single fragment plugin. Tested on idempiere versions since 8.2.
Use this version for idempiere 8.2 or Latest.

Based on **IDEMPIERE-4421**, Some Theme Migration Notes:

> *Theme resources reside at "src/web/theme/<theme_name>" instead of "/theme/<theme_name"*
>
> *Within the theme folder, reference to other theme resources must use full path (with "~./" prefix) instead of relative path. For e.g, at "theme/default/zul/login/login-left.zul", the macroURI value is change from "vendor-logo.zul" to "~./theme/default/zul/login/vendor-logo.zul".*
>
> *Same goes for resource reference at *.css.dsp. For e.g, at theme/default/css/fragment/grid.css.dsp, "background-image: url(${c:encodeURL('/theme/default/images/EditRecord16.png')})" is replace with "background-image: url(${c:encodeURL('~./theme/default/images/EditRecord16.png')})". Note the added "~./" prefix.*
>
> *For versioning, add a dummy javascript-module entry to src/metainfo/zk/lang-addon.xml (see the example entry for default theme. naming of the dummy js is arbitrary but it is probably easier to just use the pattern of idempiere.theme.<theme_name>). For external theme, you can use the same src/metainfo/zk/lang-addon.xml approach (at the src folder of your external theme plugin).*

Font Icons:

Feature: Font Icons are supported and tested
Developer: Heng Sin Low
Description:
iDempiere can use now font icons.
Configuration is simply to set the System Configurator flag
ZK_THEME_USE_FONT_ICON_FOR_IMAGE = **Y**, and then execute a Cache Reset.

After that windows will look like:

Amtheme: Standard Theme similar to ferrythem.
See FerryTheme from Hiep LQ on:
http://wiki.idempiere.org/en/Plugin:_Theme_ferrytheme

Amthemeblu:

Blue Theme, Bigger Icons.

Ksys:
Maintainer: Ken_longnan - [ken.longnan@gmail.com]
Status: Beta, up to date with release 8.2
License: GPLv2
Sources: ksys-idempiere-theme

BusinessTeam and BusinessTeamBlue:

Maintainer: User: PabloValdivia
Main Copyright: Pablo Valdivia, EGS GROUP, Lima, PERU,

Iceblue Theme (iceblue_c):
Mantainer: Heng Sin

Content:

1. SysConfig Considerations.
2. Sysconfig Configurable Values
3. Install Binaries
4. Install from sources

Appendix 1:

1. SysConfig Considerations.

There are four undocumented variables in ***ZK_ family***, that can be configured using SysConfig. In Class ***'ThemeManager.java'*** these values are assigned using getValue Method:

'ThemeManager.java' (part)

```
/**
 * @return url for large logo
 */
public static String getLargeLogo() {
        String theme = getTheme();
        String def =ITheme.THEME_PATH_PREFIX+theme+ITheme.LOGIN_LOGO_IMAGE;
        return MSysConfig.getValue(MSysConfig.ZK_LOGO_LARGE, def);
}

/**
 * @return url for small logo
*/
public static String getSmallLogo() {
        String theme = getTheme();
        String def = ITheme.THEME_PATH_PREFIX+theme+ITheme.HEADER_LOGO_IMAGE;
        String url = MSysConfig.getValue(MSysConfig.ZK_LOGO_SMALL, null);
        if (url == null)
                url = MSysConfig.getValue(MSysConfig.WEBUI_LOGOURL, def);
        return url;
}

/**
* @return name of active theme
*/
        public static String getTheme() {
        String theme = System.getProperty(MSysConfig.ZK_THEME);
        return Util.isEmpty(theme) ? MSysConfig.getValue(MSysConfig.ZK_THEME, ITheme.ZK_THEME_DEFAULT) :
```

```
theme;
}

/**
 * @return url for browser icon
 */
public static String getBrowserIcon() {
        String theme = getTheme();
        String def = ITheme.THEME_PATH_PREFIX + theme + ITheme.BROWSER_ICON_IMAGE;
        return MSysConfig.getValue(MSysConfig.ZK_BROWSER_ICON, def);
}
```

Default values are assigned on '***ITheme.java'*** interface.

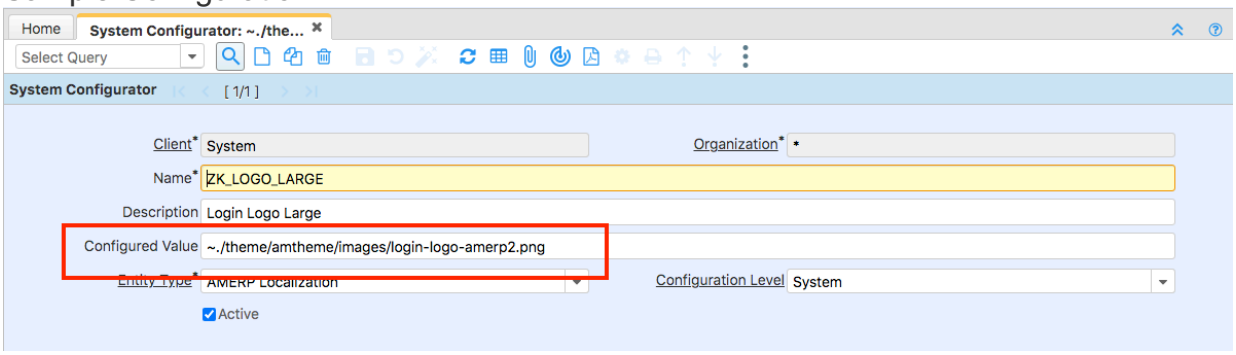
```
//default theme
public static final String ZK_THEME_DEFAULT = "default";
//logo
public static final String LOGIN_LOGO_IMAGE = "/images/login-logo.png";
public static final String HEADER_LOGO_IMAGE = "/images/header-logo.png";
public static final String BROWSER_ICON_IMAGE= "/images/icon.png";
//theme resource url prefix
public static final String THEME_PATH_PREFIX = "/theme/";
```

2. Sysconfig Configurable Values.

ZK_LOGO_LARGE

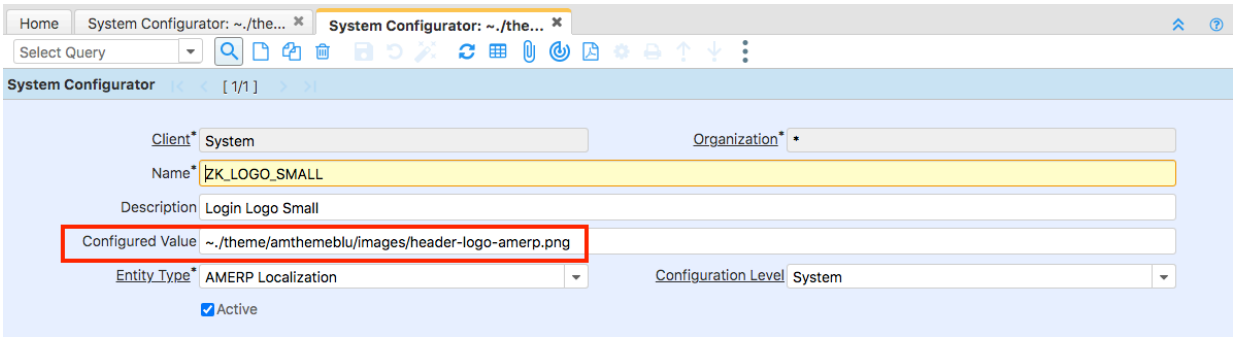
This is the image that is shown when User Log in.

Sample Configuration:



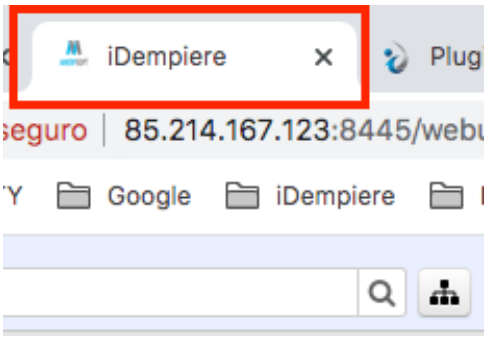
ZK_LOGO_SMALL

Default Value for image on upper left corner where search field and menu button is located.
It can't be modified by each Client, in order to have information on what client user is working.
It has to be very small graphic file, otherwise may override main search field and menu button.
See included **header-logo-amerp.png** (3 KB) sample on documentation folder.



ZK_BROWSER _ICON

This is icon image locate at the top of navigator:



Is similar to default value: ***BROWSER_ICON_IMAGE.***
Configured Value: *./theme/amtheme/images/icon-amerp.png*
theme: SIMILAR Default ***THEME_PATH_PREFIX.***
amtheme: Theme's name.

ZK_THEME

This Variable is already configured on iDempiere.
Option Values:
Configured Value: *default*
When using this Plugin, user can select between Themes defined:

Values for plugin Themes:

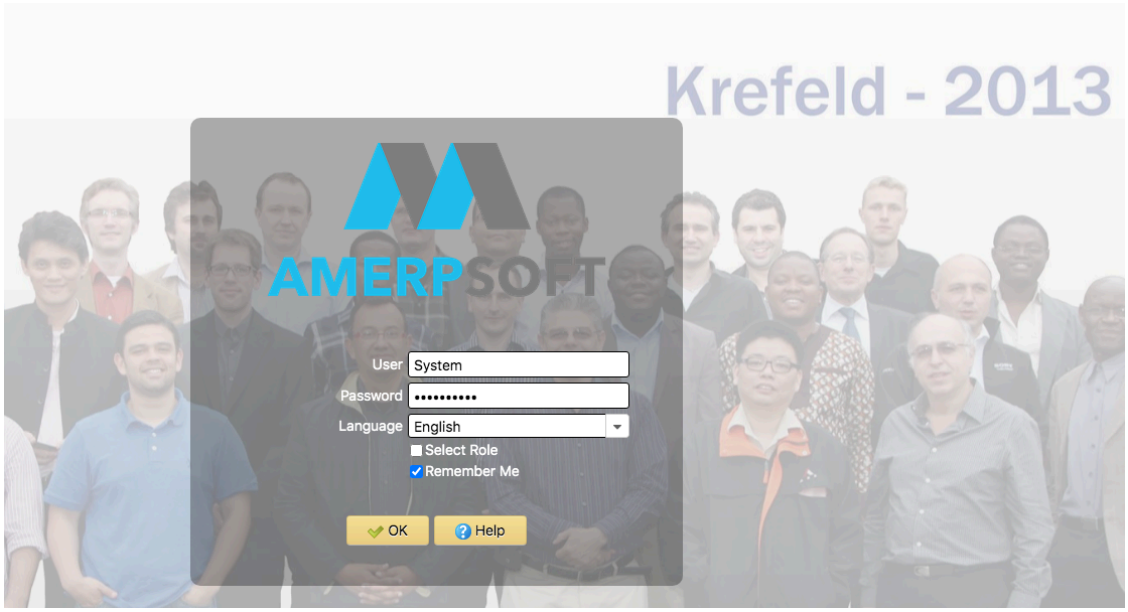
default
amtheme
amthemeblu
ksys
businessteam
businessTeamBlue
iceblue_c
optumTheme

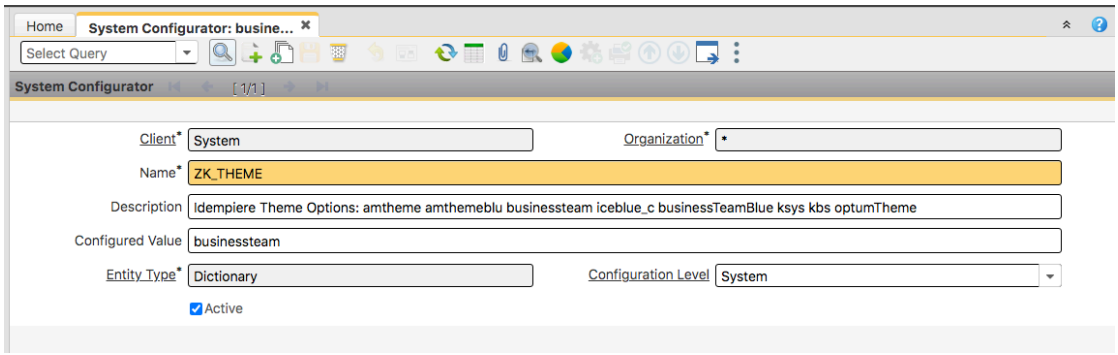
Sample THEMES.

businessteam

Login including image:

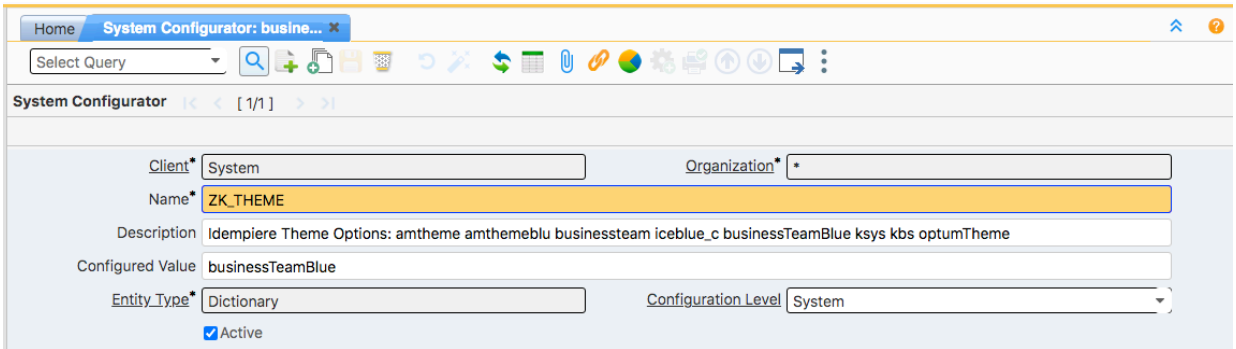
Sample screen:





businessTeamBlue

Sample screen:



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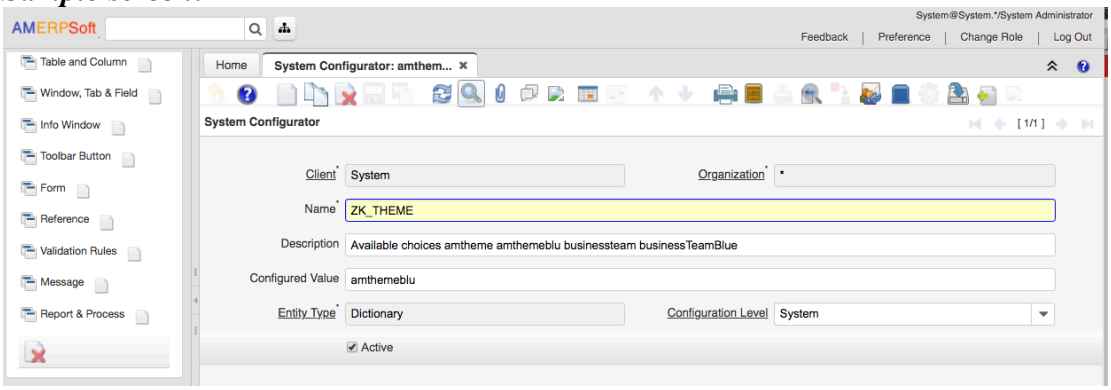
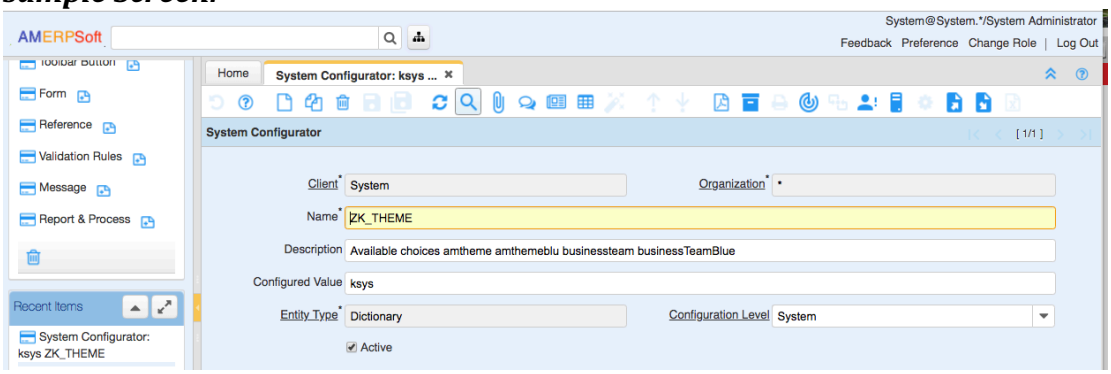
amthemeblu:

Sample screen:



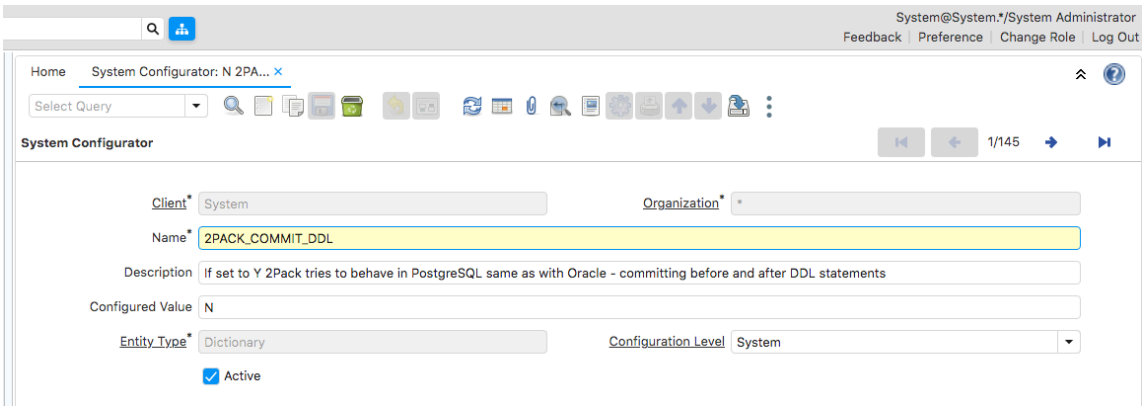
ksys:

sample Screen:



iceblue_c:

sample screen.



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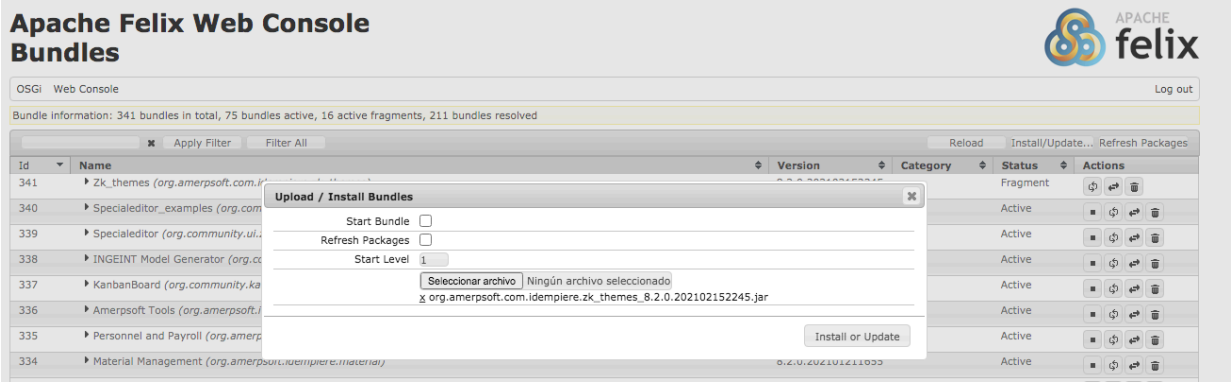
3. Install Binaries

Download plugin:

https://github.com/luisamesty/Amerpsoft-iDempiere-community/blob/master/build.plugins/org.amerpsoft.com.idempiere.zk_themes_8.2.0.202102152245.jar

(*) Version may be different

Install Using Apache Felix Web Console:



Using System Configuration Window, edit values for:

ZK_LOGO_LARGE
ZK_LOGO_SMALL
ZK_BROWSER _ICON
ZK_THEME

4. Install from sources

Clone repository:

https://github.com/luisamesty/Amerpsoft-iDempiere-community

With maven and eclipse, generate plugin.

See wiki reference for more information.

https://wiki.idempiere.org/en/Install_Development_Prerequisites
https://wiki.idempiere.org/en/Building_iDempiere_Plugins_with_Maven

Linux Commands (Generates all plugins):

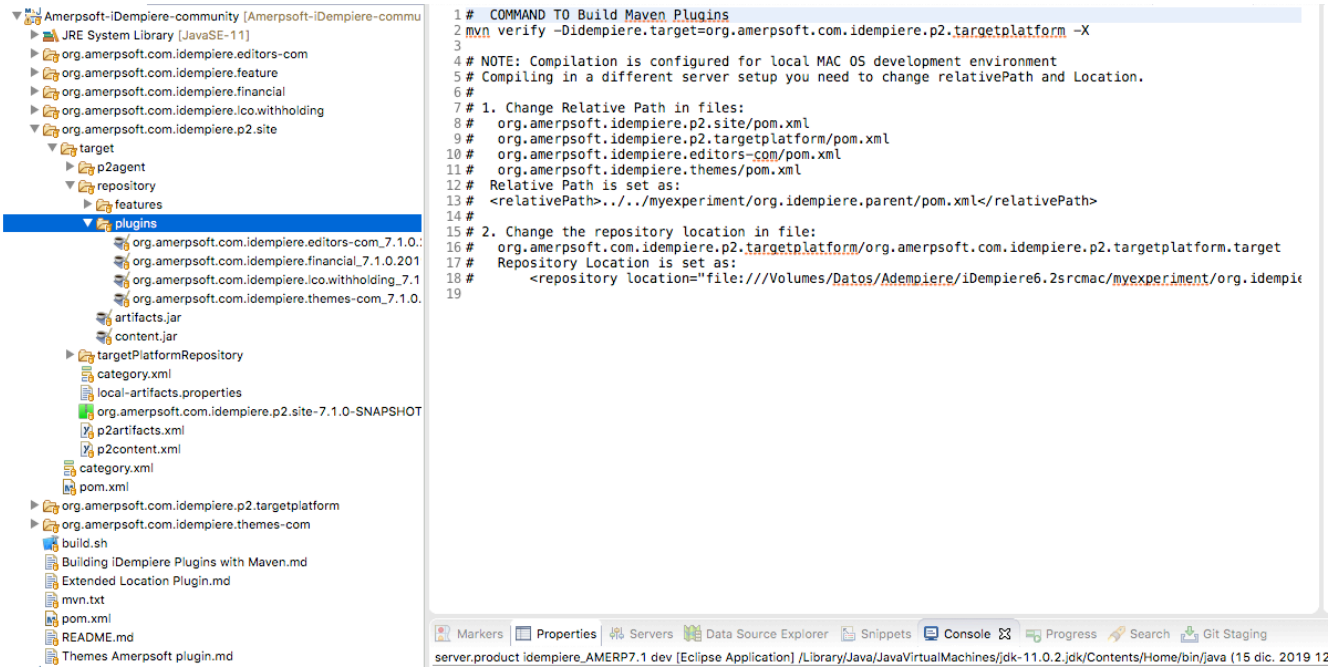
$ cd sources/Amerpsoft-iDempiere-community

**** See build.sh for information on changes**

$ sh build.sh

Plugins are generated on:

sources/myexperiment/Amerpsoft-iDempiere-community/org.amerpsoft.idempiere.p2.site/target/repository/plugins



5. Appendix 1:

Based on **CARLOS RUIZ** contribution, Logo on header panel by client

Sample HeaderPanel Extends

https://groups.google.com/forum/#!searchin/idempiere/client$20logo$20carlos$20ruiz%7Csort:date/idempiere/mRhPxhL5seQ/JsVsecCHAQAJ

What I have done is to include a class in my theme plugin.
A local HeaderPanel extending org.adempiere.webui.panel.HeaderPanel
and overwriting this method like:

```
@Override
protected void onCreate() {
        //log.warning("...onCreate...AMHeaderPanel..");
  super.onCreate();
  Image image = (Image) getFellow("logo");
  if (image != null) {
        try {
                org.zkoss.image.Image logo = ThemeManager.getClientWebLogo();
                if (logo != null) {
      image.setContent(logo);
    } else {
      image.setSrc(ThemeManager.getSmallLogo());
    }
                image.setVisible(true);
            } catch (IOException e) {
                // TODO Auto-generated catch block
                e.printStackTrace();
            }
  }
}
```

Then you can use the desktop-header class and the client logo image in
your theme header.zul file. Also desktop.zul file must contain include header.zul.

Here the code I tested, include in amerpsoft themes sources (**AMHeaderPanel.java class**):

```
package org.amerpsoft.themes.panel;
import java.io.IOException;
import org.adempiere.webui.panel.HeaderPanel;
import org.adempiere.webui.theme.ThemeManager;
import org.compiere.util.CLogger;
import org.zkoss.zul.Image;
public class AMHeaderPanel extends HeaderPanel {
  /**
   *
   */
  private static final long serialVersionUID = 6442750584675935215L;
  static CLogger log = CLogger.getCLogger(AMHeaderPanel.class);

  @Override
  protected void onCreate() {
        //log.warning("...onCreate...AMHeaderPanel..");
    super.onCreate();
    Image image = (Image) getFellow("logo");
    if (image != null) {
        try {
                org.zkoss.image.Image logo = ThemeManager.getClientWebLogo();
                if (logo != null) {
      image.setContent(logo);
    } else {
      image.setSrc(ThemeManager.getSmallLogo());
    }
```

```
                    image.setVisible(true);
                } catch (IOException e) {
                    // TODO Auto-generated catch block
                    e.printStackTrace();
                }
            }
        }
    }
```

Background-World Options:

There are two options for Background World on businessTeam, ksys and kbs.
Standard Version: `(../images/background-world.png)`
GMT Version: `(../images/background-world-gmt.png)`

Change login.css.dsp if you are on Western hemisphere or Eastern hemisphere..

```
.login-window .z-window-content {
     background-image: url(../images/background-world-gmt.png)
!important;
     background-position: center;
       /*background-attachment: scroll;*/
       background-repeat: no-repeat;
}
```