

# AMERPISOFT Themes (New Format IDEMPIERE-4421)

Idempiere Plugin: **org.amerpsoft.com.zk\_themes**

**AMERPISOFT** 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 macroURL 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:encodeURIComponent('/theme/default/images/EditRecord16.png')})" is replace with "background-image: url({c:encodeURIComponent('~./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 installing, windows will look like:

**Amtheme**: Standard Theme similar to ferrythem.

See FerryTheme from Hiep LQ on:

[http://wiki.idempiere.org/en/Plugin:\\_Theme\\_ferrytheme](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):**

Maintainer: 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);
    }
```

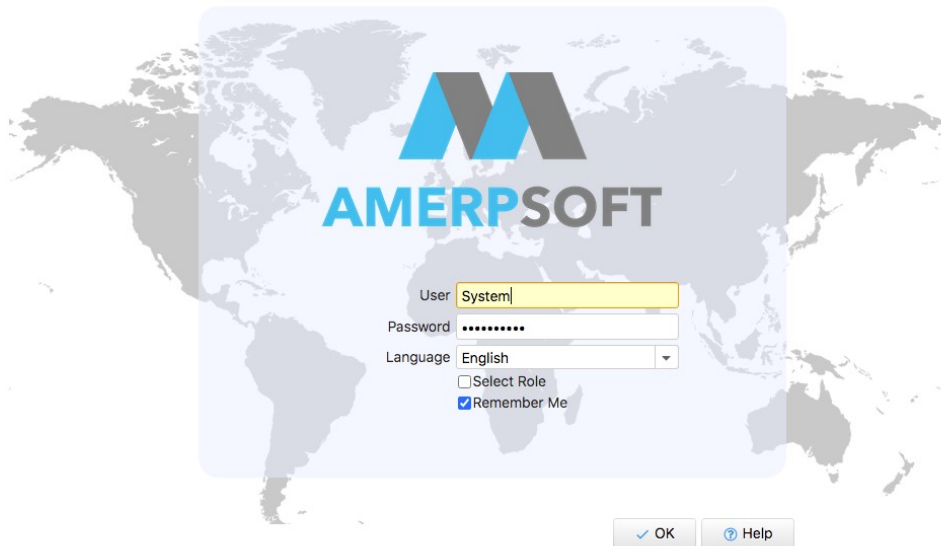
Default values are assigned on '*ITheme.java*' interface.

```
//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/";
```

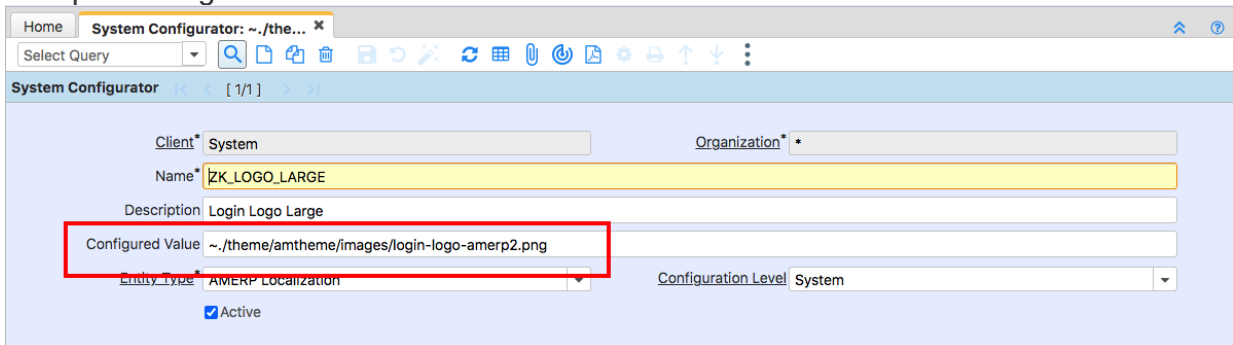
## 2. Sysconfig Configurable Values.

### ZK\_LOGO\_LARGE

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



### Sample Configuration:



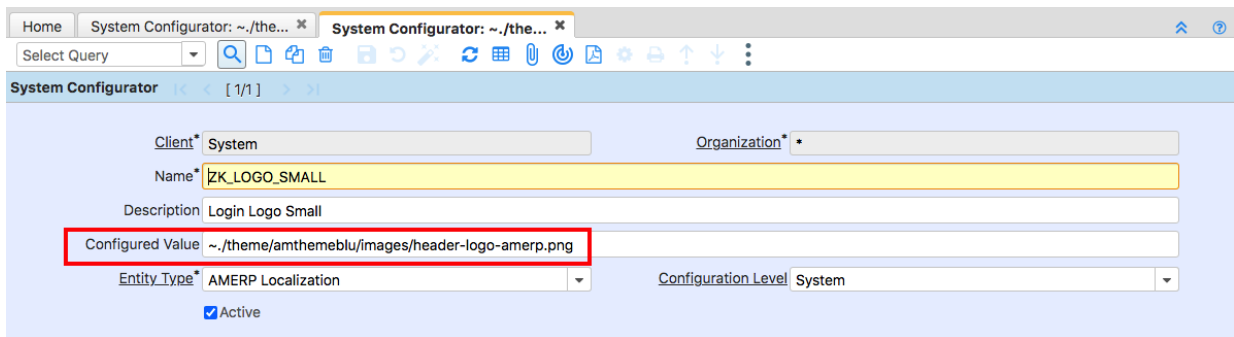
### ZK\_LOGO\_SMALL

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.

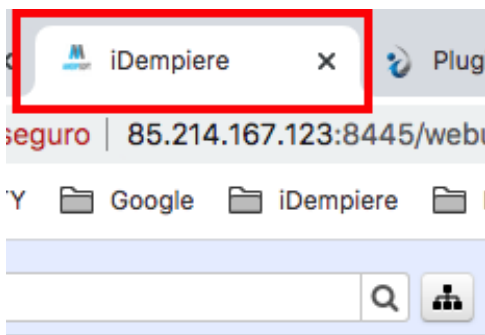
It has to be very small graphic file, otherwise may override main search field and menu button.

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***

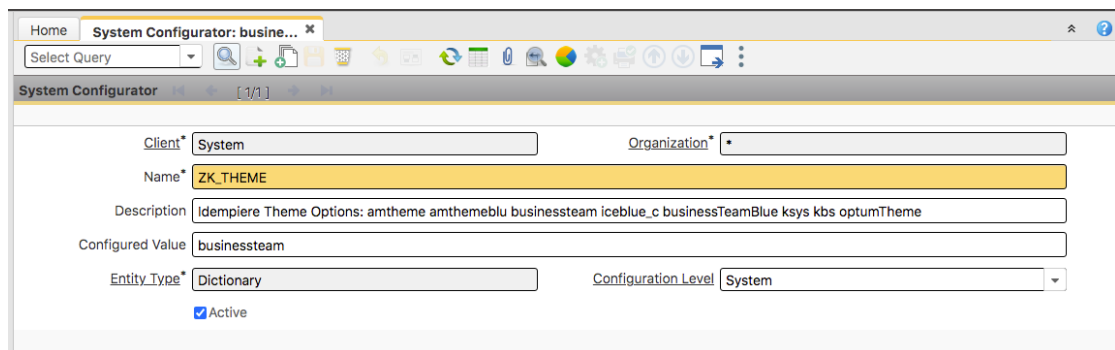
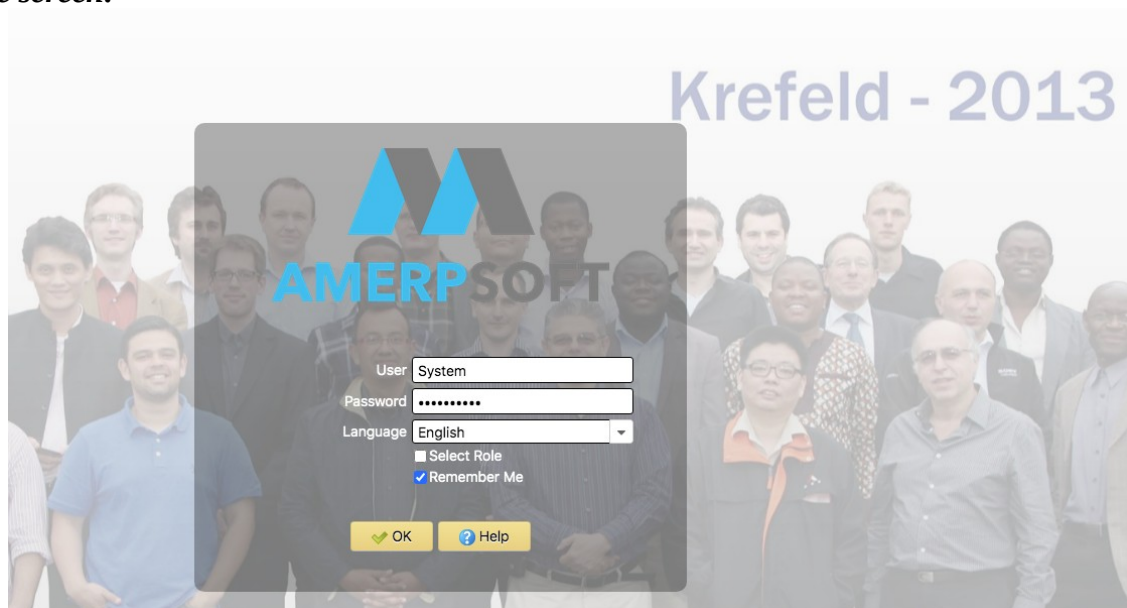
***businesssteam***

***businessTeamBlue***  
***iceblue\_c***  
***optumTheme***

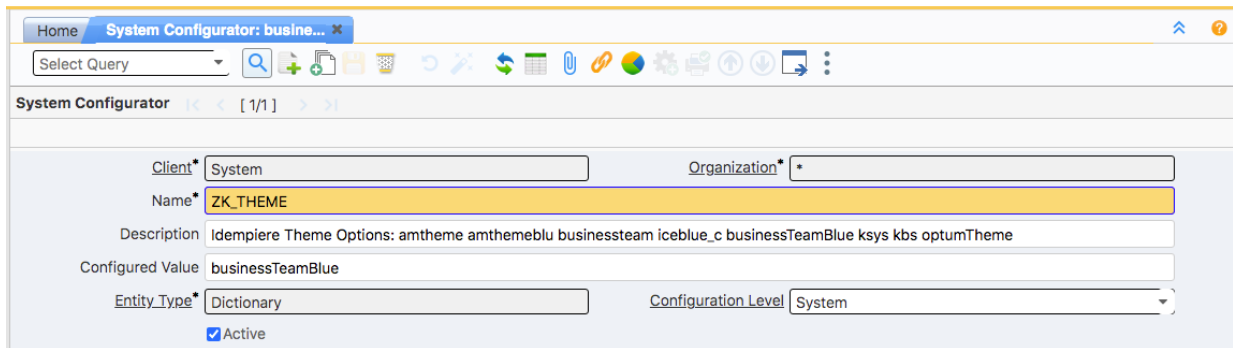
**Sample THEMES.**

***businessTeam***  
***Login including image:***

***Sample screen:***



***businessTeamBlue***  
***Sample screen:***



Home System Configurator: businessTeamBlue

Select Query

System Configurator [ 1/1 ]

Client\* System Organization\*

Name\* ZK\_THEME

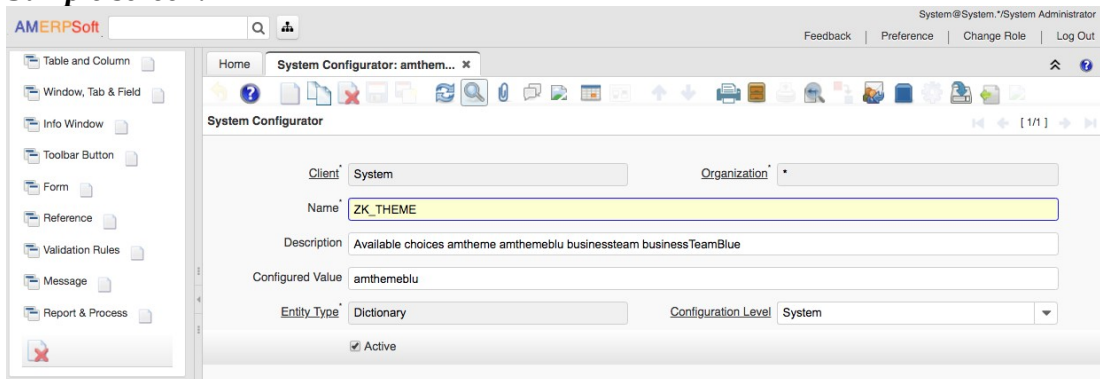
Description Idempiere Theme Options: amtheme amthemebelu businessteam iceblue\_c businessTeamBlue ksys kbs optumTheme

Configured Value businessTeamBlue

Entity Type\* Dictionary Configuration Level System

☒ Active

## amthemebelu: Sample screen:



AMERPSOFT

System Configurator: amthemebelu

Client\* System Organization\*

Name\* ZK\_THEME

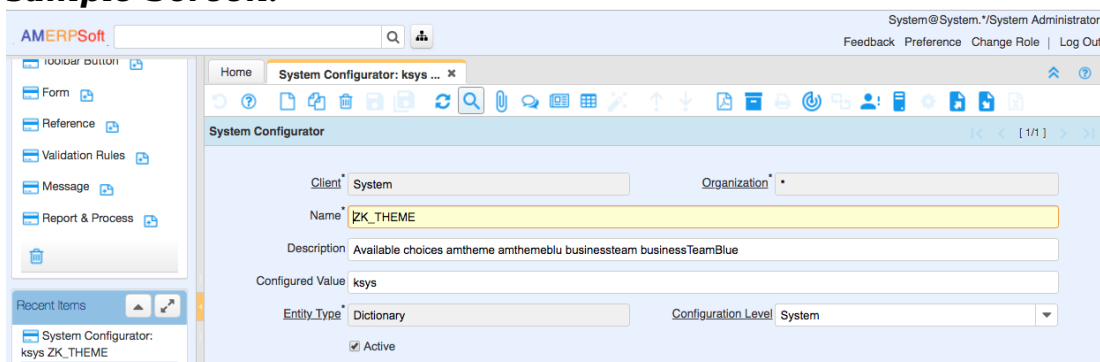
Description Available choices amtheme amthemebelu businessteam businessTeamBlue

Configured Value amthemebelu

Entity Type\* Dictionary Configuration Level System

☒ Active

## ksys: sample Screen:



AMERPSOFT

System Configurator: ksys

Client\* System Organization\*

Name\* ZK\_THEME

Description Available choices amtheme amthemebelu businessteam businessTeamBlue

Configured Value ksys

Entity Type\* Dictionary Configuration Level System

☒ Active

## iceblue\_c: sample screen.



System@System\*/System Administrator  
Feedback | Preference | Change Role | Log Out

Home System Configurator: N 2PA... x

Select Query

System Configurator 1/145

Client\* System Organization\* \*

Name\* 2PACK\_COMMIT\_DDL

Description If set to Y 2Pack tries to behave in PostgreSQL same as with Oracle - committing before and after DDL statements

Configured Value N

Entity Type\* Dictionary Configuration Level System

☒ Active

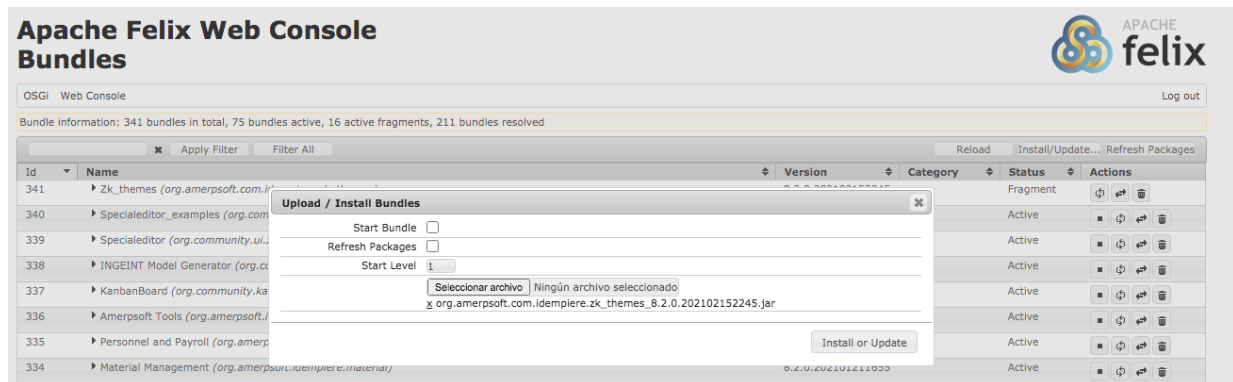
### 3. Install Binaries

Download plugin:

[https://github.com/luisamesty/Amerpsoft-iDempiere-community/blob/master/build.plugins/org.amerpsoft.com.idempiere.zk\\_themes\\_8.2.0.202102152245.jar](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/Install_Development_Prerequisites)

[https://wiki.idempiere.org/en/Building\\_iDempiere\\_Plugins\\_with\\_Maven](https://wiki.idempiere.org/en/Building_iDempiere_Plugins_with_Maven)

Linux Commands (Generates all plugins):

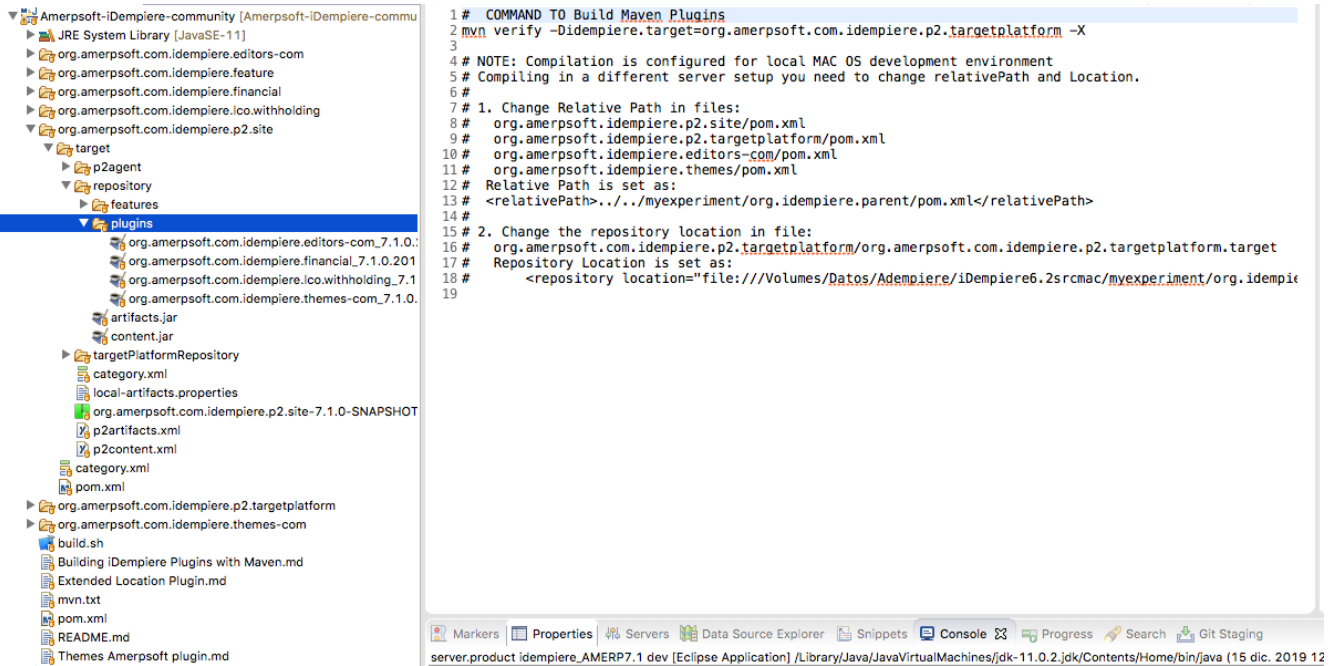
```
$ cd sources/Amerpsoft-iDempiere-community
```

**\*\* 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



```
1 # COMMAND TO Build Maven Plugins
2 mvn verify -Didempiere.target=org.amerpsoft.com.idempiere.p2.targetplatform -X
3
4 # NOTE: Compilation is configured for local MAC OS development environment
5 # Compiling in a different server setup you need to change relativePath and Location.
6 #
7 # 1. Change Relative Path in files:
8 #   org.amerpsoft.idempiere.p2.site/pom.xml
9 #   org.amerpsoft.idempiere.p2.targetplatform/pom.xml
10 #   org.amerpsoft.idempiere.editors-com/pom.xml
11 #   org.amerpsoft.idempiere.themes/pom.xml
12 # Relative Path is set as:
13 # <relativePath>../../myexperiment/org.idempiere.parent/pom.xml</relativePath>
14 #
15 # 2. Change the repository location in file:
16 #   org.amerpsoft.com.idempiere.p2.targetplatform/org.amerpsoft.com.idempiere.p2.targetplatform.target
17 #   Repository Location is set as:
18 #   <repository location="file:///Volumes/Datos/Adempiere/iDempiere6.2srcmac/myexperiment/org.idempiere
19 #
```

## 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](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 amerpssoft themes sources (**AMHeaderPanel.java class**):

```
package org.amerpssoft.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.getLogger(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;
}
```