

AMERPSONFT Themes (New Format IDEMPIERE-4421)

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

AMERPSONFT 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: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):

Maintainer: Heng Sin

Content:

1. SysConfig Considerations.
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3. Install Binaries
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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.

```

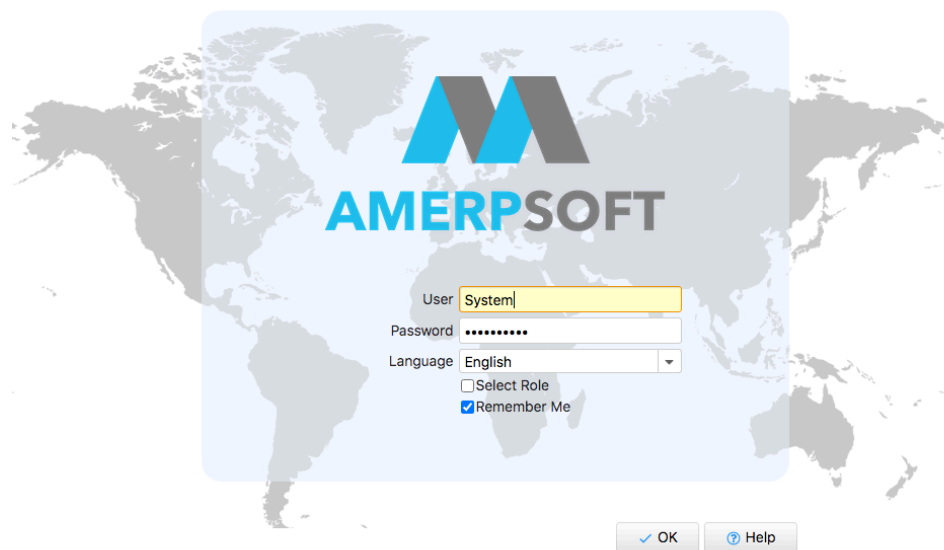
//default theme
public static final String ZK_THEME_DEFAULT = "default";
//logo
public static final String LOGIN_LOGO_IMAGE = "/images/login-logo.png";
public static final String HEADER_LOGO_IMAGE = "/images/header-logo.png";
public static final String BROWSER_ICON_IMAGE = "/images/icon.png";
//theme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

```

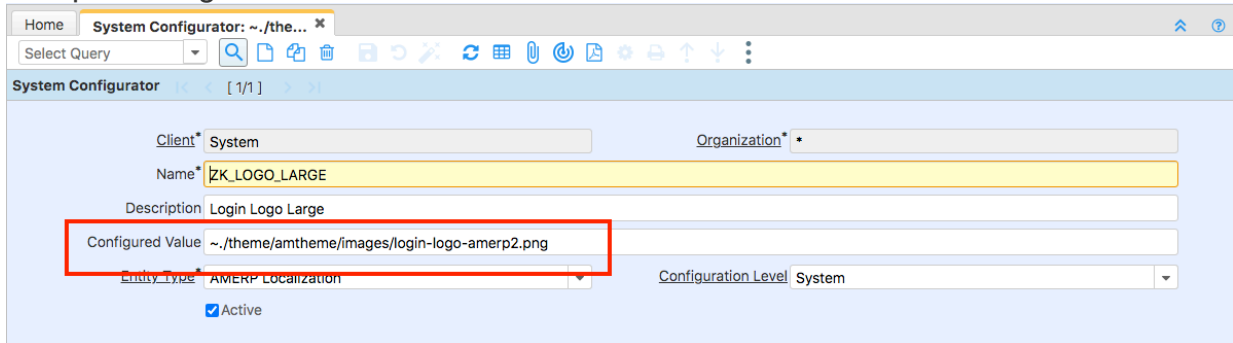
2. Sysconfig Configurable Values.

ZK_LOGO_LARGE

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



Sample Configuration:



System Configurator: ~/the...

Client* System Organization* *

Name* ZK_LOGO_LARGE

Description Login Logo Large

Configured Value ~/theme/amtheme/images/login-logo-amerp2.png

Entity Type* AMERP Localization Configuration Level System

☒ Active

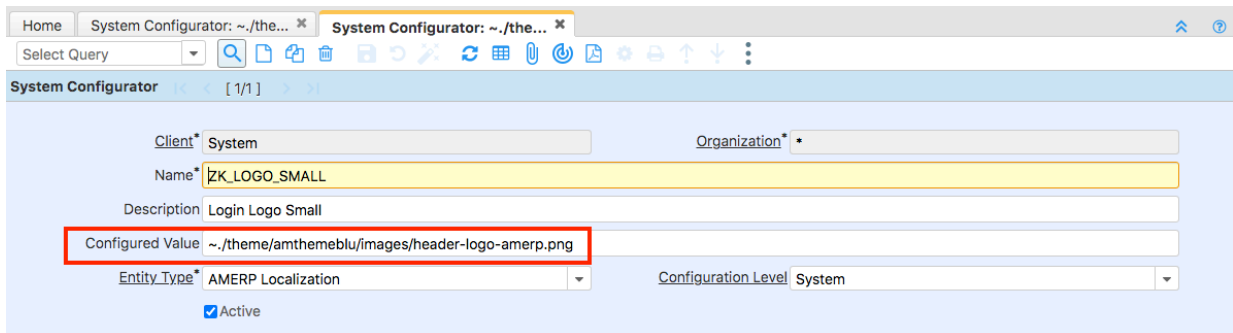
ZK_LOGO_SMALL

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.



System Configurator: ~/the... System Configurator: ~/the...

Client* System Organization* *

Name* ZK_LOGO_SMALL

Description Login Logo Small

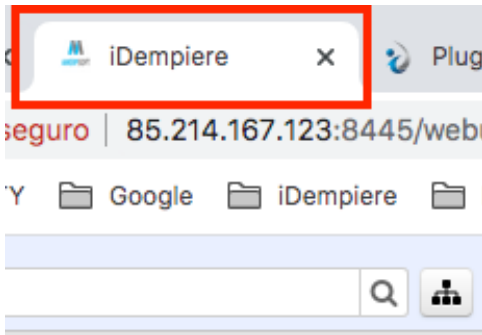
Configured Value ~/theme/amthemeblu/images/header-logo-amerp.png

Entity Type* AMERP Localization Configuration Level System

☒ Active

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

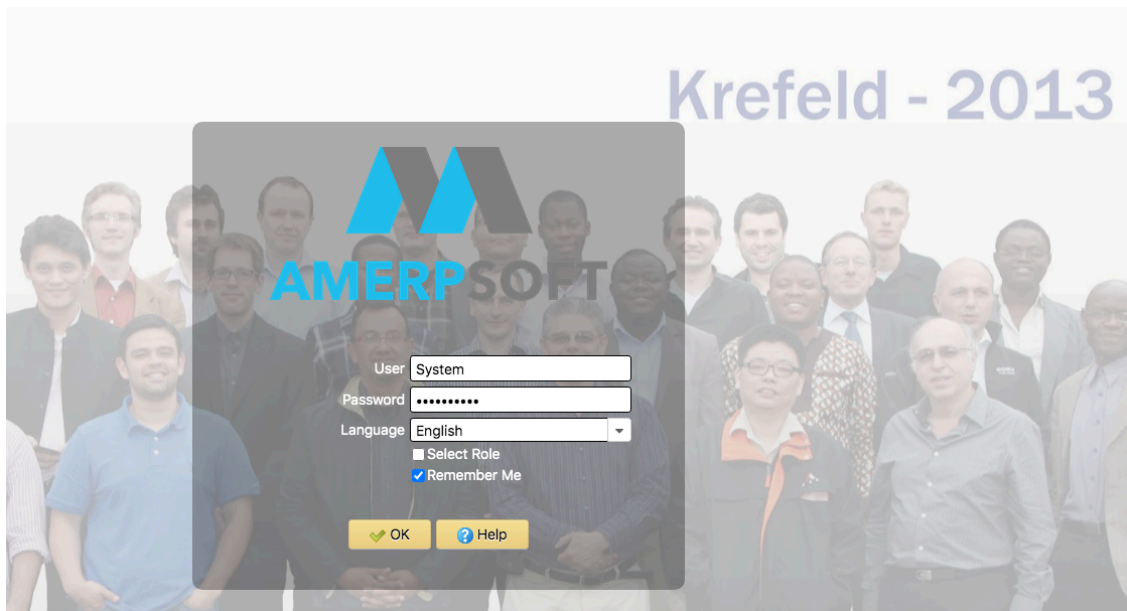
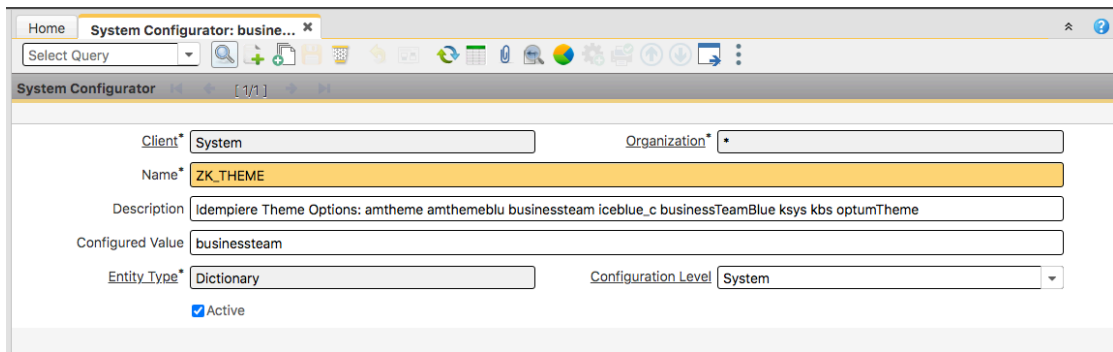
optumTheme

Sample THEMES.

businesssteam

Login including image:

Sample screen:

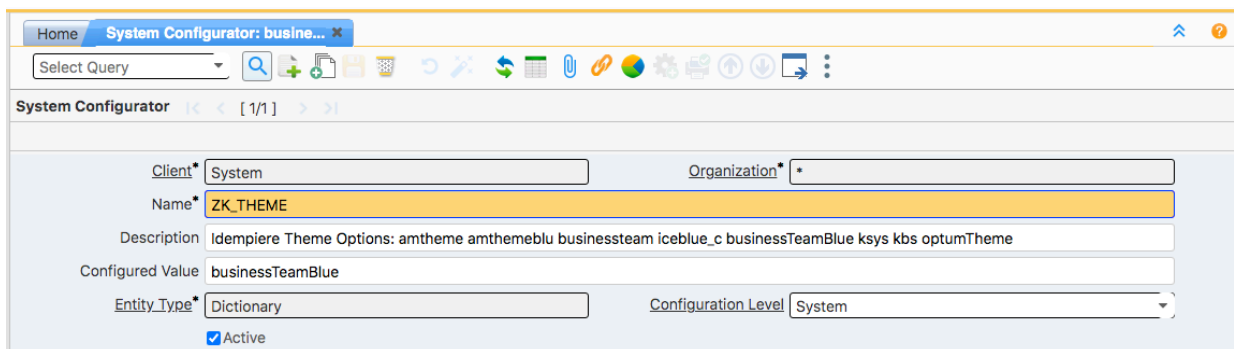



A screenshot of the 'System Configurator' application window. The window title is 'System Configurator: busine...'. The interface includes a toolbar with various icons and a main configuration area. The configuration area contains the following fields and values:

- Client*: System
- Organization*: *
- Name*: ZK_THEME
- Description: Idempiere Theme Options: amtheme amthemeblu businessteam iceblue_c businessTeamBlue ksys kbs optumTheme
- Configured Value: businessteam
- Entity Type*: Dictionary
- Configuration Level: System
- ☒ Active

businessTeamBlue

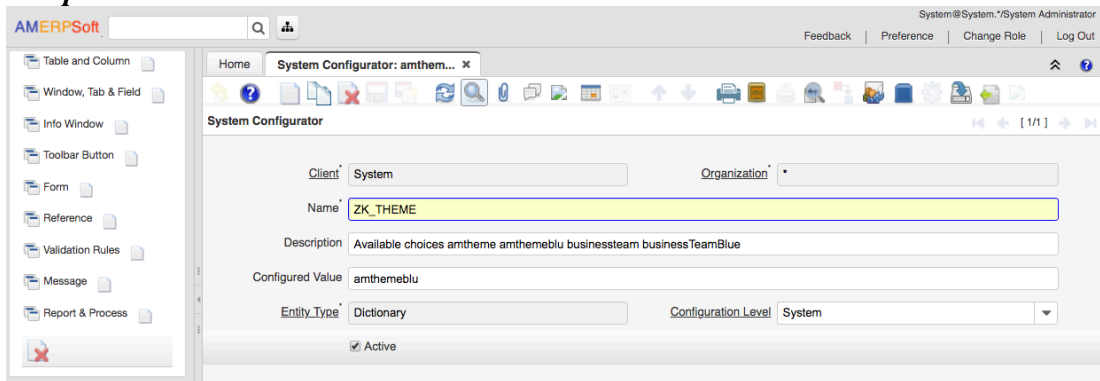
Sample screen:



A screenshot of the 'System Configurator' application window, similar to the one above, but with the 'Configured Value' set to 'businessTeamBlue'. The window title is 'System Configurator: busine...'. The configuration area contains the following fields and values:

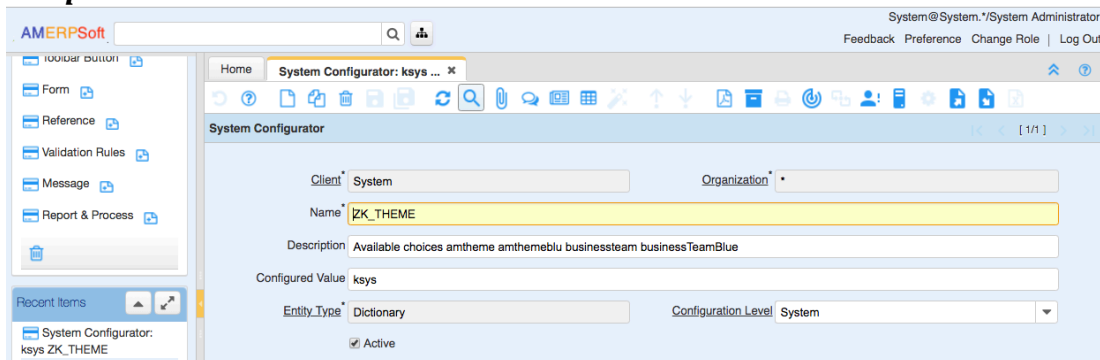
- Client*: System
- Organization*: *
- Name*: ZK_THEME
- Description: Idempiere Theme Options: amtheme amthemeblu businessteam iceblue_c businessTeamBlue ksys kbs optumTheme
- Configured Value: businessTeamBlue
- Entity Type*: Dictionary
- Configuration Level: System
- ☒ Active

amthemeblu: *Sample screen:*



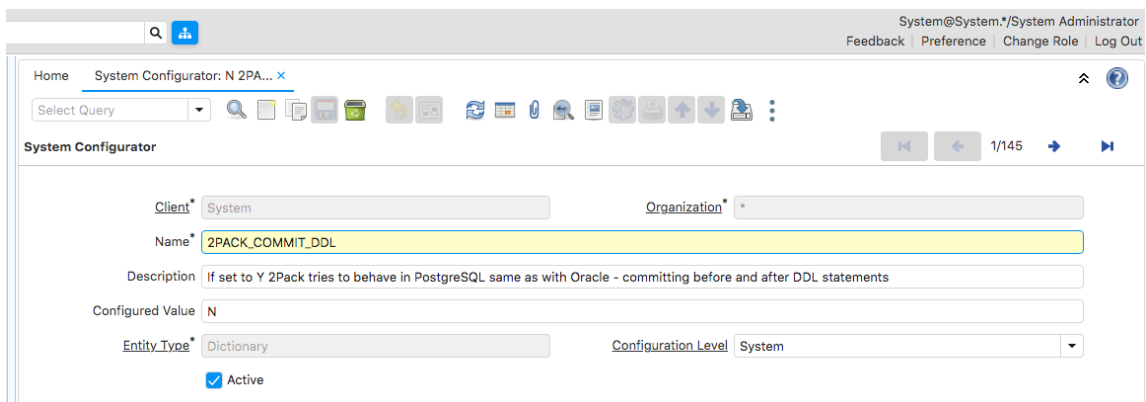
The screenshot shows the 'System Configurator' window for the 'amthemeblu' theme. The interface includes a sidebar with navigation options like 'Table and Column', 'Window, Tab & Field', 'Info Window', 'Toolbar Button', 'Form', 'Reference', 'Validation Rules', 'Message', and 'Report & Process'. The main area displays configuration details for the 'ZK_THEME' entity, including fields for Client, Organization, Name, Description, Configured Value, Entity Type, and Configuration Level. The 'Active' checkbox is checked.

ksys: *sample Screen:*



The screenshot shows the 'System Configurator' window for the 'ksys' theme. The interface is similar to the previous one, but the 'Configured Value' field is set to 'ksys'. The 'Active' checkbox is also checked.

iceblue_c: *sample screen.*



The screenshot shows the 'System Configurator' window for the 'iceblue_c' theme. The interface includes a sidebar with navigation options like 'Select Query', 'Home', and 'System Configurator: N 2PA...'. The main area displays configuration details for the '2PACK_COMMIT_DDL' entity, including fields for Client, Organization, Name, Description, Configured Value, Entity Type, and Configuration Level. The 'Active' checkbox is checked.

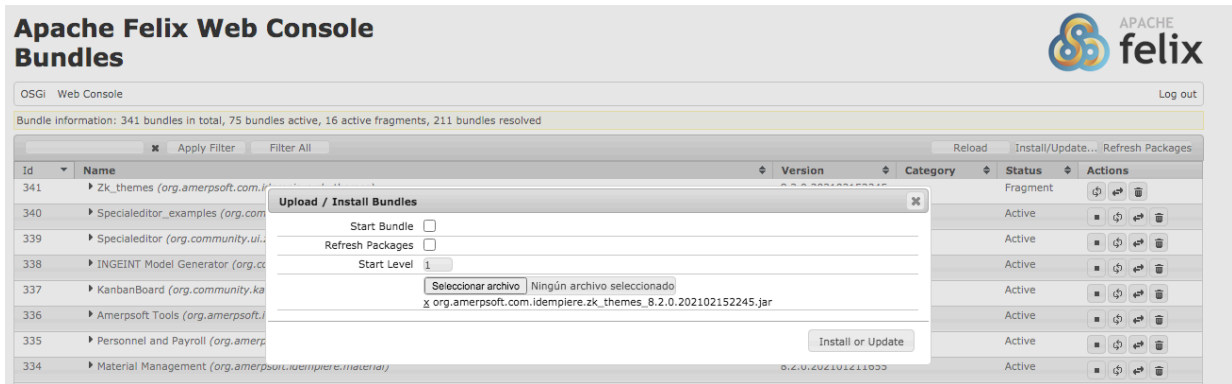
3. Install Binaries

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):

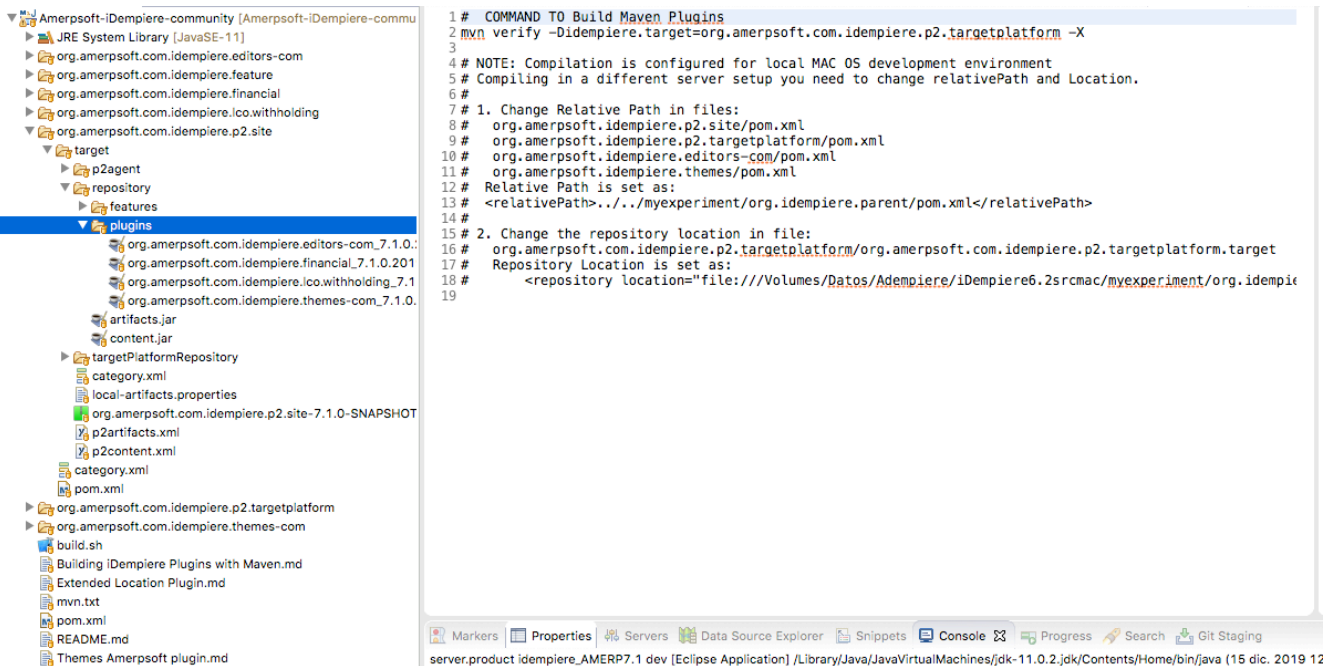
```
$ cd sources/Amerpsoft-iDempiere-community
```

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

```
$ sh build.sh
```

Plugins are generated on:

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



The screenshot shows an IDE interface. On the left, a project tree is visible under the name 'Amerpssoft-iDempiere-community'. The tree includes a 'target' directory, which contains a 'repository' directory, and within that, a 'plugins' directory. The 'plugins' directory contains several files, including 'org.amerpsoft.com.idempiere.editors-com_7.1.0...', 'org.amerpsoft.com.idempiere.financial_7.1.0.201...', 'org.amerpsoft.com.idempiere.lco.withholding_7.1...', 'org.amerpsoft.com.idempiere.themes-com_7.1.0...', 'artifacts.jar', 'content.jar', 'targetPlatformRepository', 'category.xml', 'local-artifacts.properties', 'org.amerpsoft.com.idempiere.p2.site-7.1.0-SNAPSHOT', 'p2artifacts.xml', 'p2content.xml', 'category.xml', 'pom.xml', 'org.amerpsoft.com.idempiere.p2.targetplatform', 'org.amerpsoft.com.idempiere.themes-com', 'build.sh', 'Building iDempiere Plugins with Maven.md', 'Extended Location Plugin.md', 'mvn.txt', 'pom.xml', 'README.md', and 'Themes Amerpssoft plugin.md'.

On the right, a terminal window displays the following command and output:

```
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.com.idempiere.p2.site/pom.xml
9 #   org.amerpsoft.com.idempiere.p2.targetplatform/pom.xml
10 #   org.amerpsoft.com.idempiere.editors-com/pom.xml
11 #   org.amerpsoft.com.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
```

The terminal window also shows a status bar at the bottom with the text: 'server.product idempiere_AMERP7.1 dev [Eclipse Application] /Library/Java/JavaVirtualMachines/jdk-11.0.2.jdk/Contents/Home/bin/java (15 dic. 2019 12

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.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.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;
}
```