

Setting up a new application

This tutorial will show you how to use the HTML Pro plugin by Chris1. This plugin allows you to create an HTML document with links that point to other plugin screens within your app. This allows you to create powerful apps using a combination of both HTML and native code! We will begin by setting up a new application on the control panel so you can see the entire process from start to finish.

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data |

Manage Screens and Actions for htmlProTest

+ Add New List View Grid View

? This application doesn't have any screens or actions setup yet.
Use the "Add" option to add some screens and actions. Use menu type screen to create navigational depth. After

1. With a blank application created, go to the "Screens" section.
2. Click on "Add New" to add a new screen.

Add Screen for HTML Pro plugin

Add a screen for the "HTML Pro" plugin by entering a nickname and choosing "HTML Pro" from the drop-down list.

The screenshot shows the 'Manage Screens and Actions for htmlProTest' interface. At the top, there is a navigation bar with links: Application Home, App Icon, Core, Layout, Theme, Screens, App Users, and Files / Media. Below this is a title bar for the current screen. The main content area has a section titled 'Enter a nickname for the new item' with a text input field containing 'HTMLPro'. Below this is a 'Choose a plugin type' dropdown menu with 'HTML Pro' selected. To the right of these fields is a help box titled 'Adding Screens and Actions' with three numbered steps: 1) Enter a nickname for the screen or action. 2) Choose a Screen, Menu, or Action from the shows how many of these are used in this app. 3) Click "Add" to save your choices. Below the dropdown is an 'add' button. A list of existing screens is shown below, including 'tm InvisibleTwitter (0)', 'Launch Native App (0)', 'Blank Screen (0)', 'PowerPoint Doc (0)', and 'Animated Circle Menu (0)'. A blue callout box with a black border contains the following instructions: 1. Enter a nickname for the screen. It can be anything you want. 2. In the "Choose a plugin type" dropdown box, select "HTML Pro". 3. Click the "add" button.

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media |

Manage Screens and Actions for htmlProTest

Enter a nickname for the new item

HTMLPro

Choose a plugin type

HTML Pro

add

Adding Screens and Actions

- 1) Enter a nickname for the screen or action. N
- 2) Choose a Screen, Menu, or Action from the shows how many of these are used in this app
- 3) Click "Add" to save your choices.

tm InvisibleTwitter (0)
This screen will display a Twitter Sheet to the user. When the user chooses to Tweet, a sheet

Launch Native App (0)
Use a Launch Native App option to open one of the devices native applications. See the adv

Blank Screen (0)
The idea behind this plugin is that you can use it to quickly create new screens with a navigat

PowerPoint Doc (0)
PowerPoint documents can be included in the project and compiled in the application or they

Animated Circle Menu (0)
The Animated Circle Menu is a menu screen that displays buttons in a circle that explode out

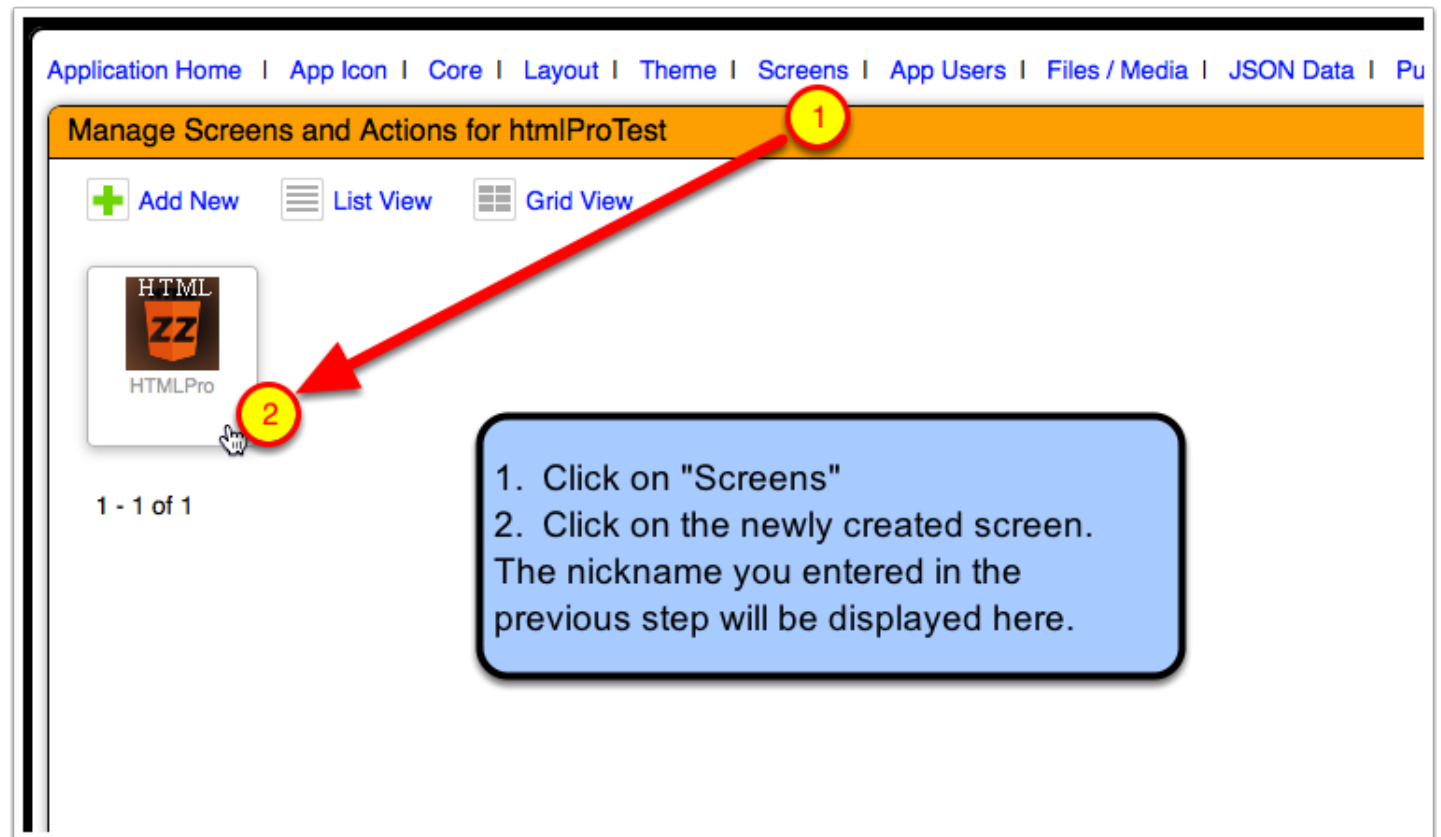
1. Enter a nickname for the screen. It can be anything you want.

2. In the "Choose a plugin type" dropdown box, select "HTML Pro".

3. Click the "add" button.

Open the plugin

Return to the "Screens" page and open the new screen for the HTML Pro plugin.



HTML Pro plugin page

This shows what the plugin screen will look like on the control panel when you first open it up. Take a few minutes to explore the various options on this page before proceeding.

[Application Home](#) | [App Icon](#) | [Core](#) | [Layout](#) | [Theme](#) | [Screens](#) | [App Users](#) | [Files / Media](#) | [JSON Data](#) | [Publish Changes](#) ●

Screens / Actions > HTMLPro

HTML Pro Plugin

This plugin allows you to add hyperlinks to any html document that point to any plugin screen in your app. For each hyperlink to a plugin screen that you would like to add, you will need to use a unique identifier. This control panel will then tell you what you should use as the hyperlink. For instance, if the control panel tells you to use "12345ABCDE" as your hyperlink, you would use the following code:

```
<a href="12345ABCDE">This is a cool link!</a>
```

Be sure to also set the "document properties" section below to tell the plugin where your html document is located. This can either be an online URL or a local document. You can also use Javascript to create links. Works with HTML5, CSS, Javascript, etc! For a quick demo video, go to this link: <http://youtu.be/jOJz8Im2tEc>

▸ [Screen Nickname](#)

▸ [Top Navigation Bar](#)

▸ [Links to Buzztouch Screens](#)

Create links to Buzztouch plugin screens to insert into your html document. After each link is created, a code will be given that should be used as your hyperlink.

Row Title (does nothing in app)

New or Existing Screen ▸ [Select](#)

Choose if adding a screen

Blank Screen ▾

add

Add your first link

The first thing we will do on this page is to set up a link to another screen. Once you become familiar with the process, you will find that you do not need to follow the remaining steps in order. However, it will be helpful for you to do so while you are still learning.

The screenshot shows the 'HTML Pro Plugin' control panel. At the top is a navigation bar with links: Application Home, App Icon, Core, Layout, Theme, Screens, App Users, Files / Media, JSON Data, and Publish Changes. Below this is a breadcrumb trail: Screens / Actions > HTMLPro. The main section is titled 'HTML Pro Plugin' and contains instructions on how to use the plugin to add hyperlinks to plugin screens. It includes a code example: `This is a cool link!`. Below the instructions are several expandable sections: Screen Nickname, Top Navigation Bar, Links to Buzztouch Screens, Document Location, Document Behavior, and Require Login. The 'Links to Buzztouch Screens' section is expanded, showing a form with the following fields: 'Row Title (does nothing in app)' with the value 'myFirstLink', 'New or Existing Screen' with a dropdown menu showing 'Blank1', and 'Choose if adding a screen' with a dropdown menu showing 'Blank Screen'. There is an 'add' button below these fields. A blue callout box with a black border contains four numbered steps: 1. First, give this link a name. This name will not show up in the app itself. It merely serves as a way to identify the link on the control panel (this page). 2. Enter a nickname for a new or existing screen. In this tutorial, we have not created any other screens yet, so we will enter a new nickname here. It is "Blank1". 3. Because we entered a new nickname, we have to choose the type of plugin. We will use "Blank Screen" for our tutorial. 4. Click the "add" button. Red arrows point from the numbers 1, 2, 3, and 4 to the corresponding fields in the form.

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data | Publish Changes ●

Screens / Actions > HTMLPro

HTML Pro Plugin

This plugin allows you to add hyperlinks to any html document that point to any plugin screen in your app. For each hyperlink to a plugin screen that this control panel will then tell you what you should use as the hyperlink. For instance, if the control panel tells you to use "12345ABCDE" as your href, you would use: `This is a cool link!`

Be sure to also set the "document properties" section below to tell the plugin where your html document is located. This can either be an online URL or a local file path.

You can also use Javascript to create links. Works with HTML5, CSS, Javascript, etc! For a quick demo video, go to this link: <http://youtu.be/fOJz8ln>

- Screen Nickname
- Top Navigation Bar
- Links to Buzztouch Screens
- Document Location
- Document Behavior
- Require Login

Create links to Buzztouch plugin screens to insert into your html document. After each link is created, a code will be given that should be used as follows:

1 Row Title (does nothing in app)
myFirstLink

2 New or Existing Screen ▶ Select
Blank1

3 Choose if adding a screen
Blank Screen

4 add

1. First, give this link a name. This name will not show up in the app itself. It merely serves as a way to identify the link on the control panel (this page).

2. Enter a nickname for a new or existing screen. In this tutorial, we have not created any other screens yet, so we will enter a new nickname here. It is "Blank1".

3. Because we entered a new nickname, we have to choose the type of plugin. We will use "Blank Screen" for our tutorial.

4. Click the "add" button.

Take note of the link information

We have set up our first link for the HTML Pro plugin. Take a moment to review the information presented.

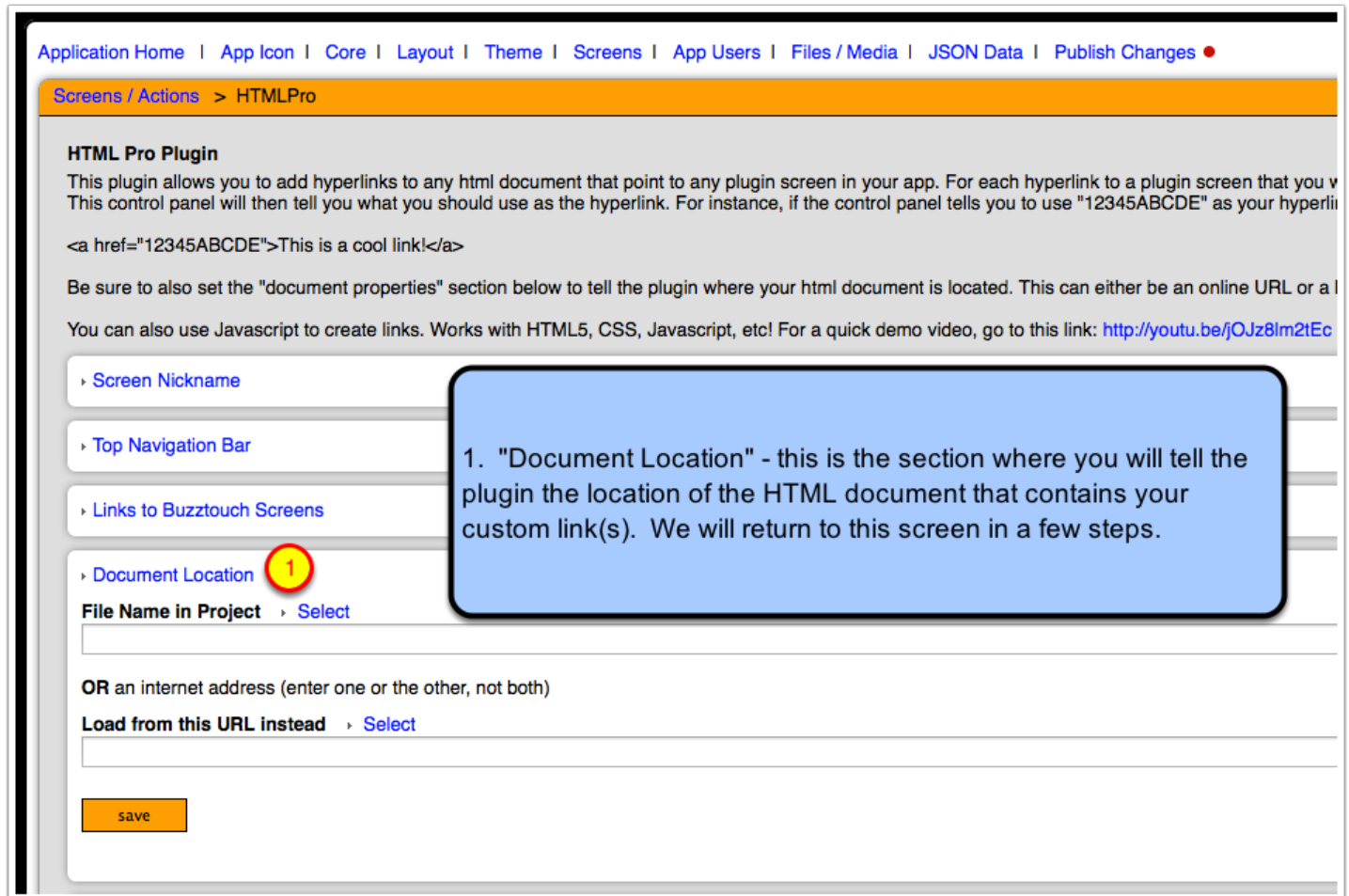
The screenshot shows the 'HTML Pro Plugin' configuration page. At the top, there's a navigation bar with links like 'Application Home', 'App Icon', 'Core', 'Layout', 'Theme', 'Screens', 'App Users', 'Files / Media', 'JSON Data', and 'Publish Changes'. Below this is a breadcrumb trail 'Screens / Actions > HTMLPro'. The main content area has a title 'HTML Pro Plugin' and a description. It includes a code snippet for a hyperlink: `This is a cool link!`. There are sections for 'Screen Nickname', 'Top Navigation Bar', and 'Links to Buzztouch Screens'. A success message states: 'Success. The menu row was added to the list.' Below this is a table with two columns: 'Setting your link href to...' and 'Loads this screen...'. The first row shows the href '8CA175F84C2386937030167' and the target screen 'Blank1'. A blue callout box with a black border contains the following text:

1. The first piece of information given to us is the link we should use in our HTML document. We will create that document in the steps that follow. Be sure to copy this code for later use.
2. This shows the screen that the link will point to. In our tutorial, when a user clicks the link, it will load the screen "Blank1".

Below the table, there are fields for 'Row Title (does nothing in app)', 'New or Existing Screen' (with a 'Select' button), and 'Choose if adding a screen' (with a dropdown menu showing 'I entered an existing screen above...').

Document Location

In addition to setting up links, you will need to tell the HTML Pro plugin where your HTML document is located. This can be either a local file or a URL. Since we have not created an HTML document yet in this tutorial, this is shown for information purposes only at this point.



The screenshot shows the 'HTML Pro Plugin' configuration screen. The top navigation bar includes links: Application Home, App Icon, Core, Layout, Theme, Screens, App Users, Files / Media, JSON Data, and Publish Changes. Below this is a breadcrumb trail: Screens / Actions > HTMLPro. The main content area is titled 'HTML Pro Plugin' and contains explanatory text about adding hyperlinks. A sidebar on the left lists configuration sections: Screen Nickname, Top Navigation Bar, Links to Buzztouch Screens, and Document Location (which is highlighted with a red circle and a yellow '1'). The 'Document Location' section includes a 'File Name in Project' dropdown set to 'Select', a text input field, and a note: 'OR an internet address (enter one or the other, not both)'. Below this is another 'Load from this URL instead' dropdown set to 'Select' and another text input field. A 'save' button is at the bottom left. A blue callout box on the right contains the text: '1. "Document Location" - this is the section where you will tell the plugin the location of the HTML document that contains your custom link(s). We will return to this screen in a few steps.'

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data | Publish Changes ●

Screens / Actions > HTMLPro

HTML Pro Plugin

This plugin allows you to add hyperlinks to any html document that point to any plugin screen in your app. For each hyperlink to a plugin screen that you v
This control panel will then tell you what you should use as the hyperlink. For instance, if the control panel tells you to use "12345ABCDE" as your hyperli

This is a cool link!

Be sure to also set the "document properties" section below to tell the plugin where your html document is located. This can either be an online URL or a l

You can also use Javascript to create links. Works with HTML5, CSS, Javascript, etc! For a quick demo video, go to this link: <http://youtu.be/QJz8lm2tEc>

- Screen Nickname
- Top Navigation Bar
- Links to Buzztouch Screens
- Document Location** 1

File Name in Project > Select

OR an internet address (enter one or the other, not both)

Load from this URL instead > Select

save

1. "Document Location" - this is the section where you will tell the plugin the location of the HTML document that contains your custom link(s). We will return to this screen in a few steps.

Create HTML Document

It's now time to create the HTML document. Return to the "Screens" page and add a new screen.

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data | Publish Changes ●

Manage Screens and Actions for HTML Pro Test

+ Add New List View Grid View

Blank1 HTMLPro

1 - 2 of 2

1. Click on the "Screens" link.
2. Click on "Add New".
3. Note that the "Blank1" screen we created in the step "Add your first link" now shows on our "Screens" page!

Enter basic information for new screen

Enter the basic information for the new screen that will contain the HTML document. You can create the HTML document using your favorite tool. To keep things simple, this tutorial will use the "Custom HTML/Text" plugin to create the HTML document.

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data | Publish Changes ●

Manage Screens and Actions for htmlProTest

Enter a nickname for the new item 1

ourHTMLdocument

Choose a plugin type 2

Custom HTML / Text

add 3 cancel

Adding Screens and Actions

- 1) Enter a nickname for the screen or action. Nicknames help you identify screens and actions.
- 2) Choose a Screen, Menu, or Action from the drop-down list. The choices in the list are a list of available options and shows how many of these are used in this app.
- 3) Click "Add" to save your choices.

1. Enter a nickname for the screen.
2. Select the "Custom HTML/Text" plugin
3. Press the "add" button

Blank Screen (1)
The idea behind this plugin is that you can create a blank screen. This is useful for testing or as a placeholder.

HTML Pro (1)
The HTML Pro plugin allows you to create a screen that displays an HTML document.

tM InvisibleTwitter (0)
This screen will display a Twitter Sheet to the user. When the user chooses to Tweet, a sheet gracefully appears on top of the screen. The sheet will contain a text input field and a button to post the tweet.

Launch Native App (0)
Use a Launch Native App option to open one of the devices native applications. See the advanced settings of this plugin for information on how to use this plugin.

PDF Doc (0)
PDF documents can be included in the project and compiled in the application or they can be downloaded from a URL when the app runs.

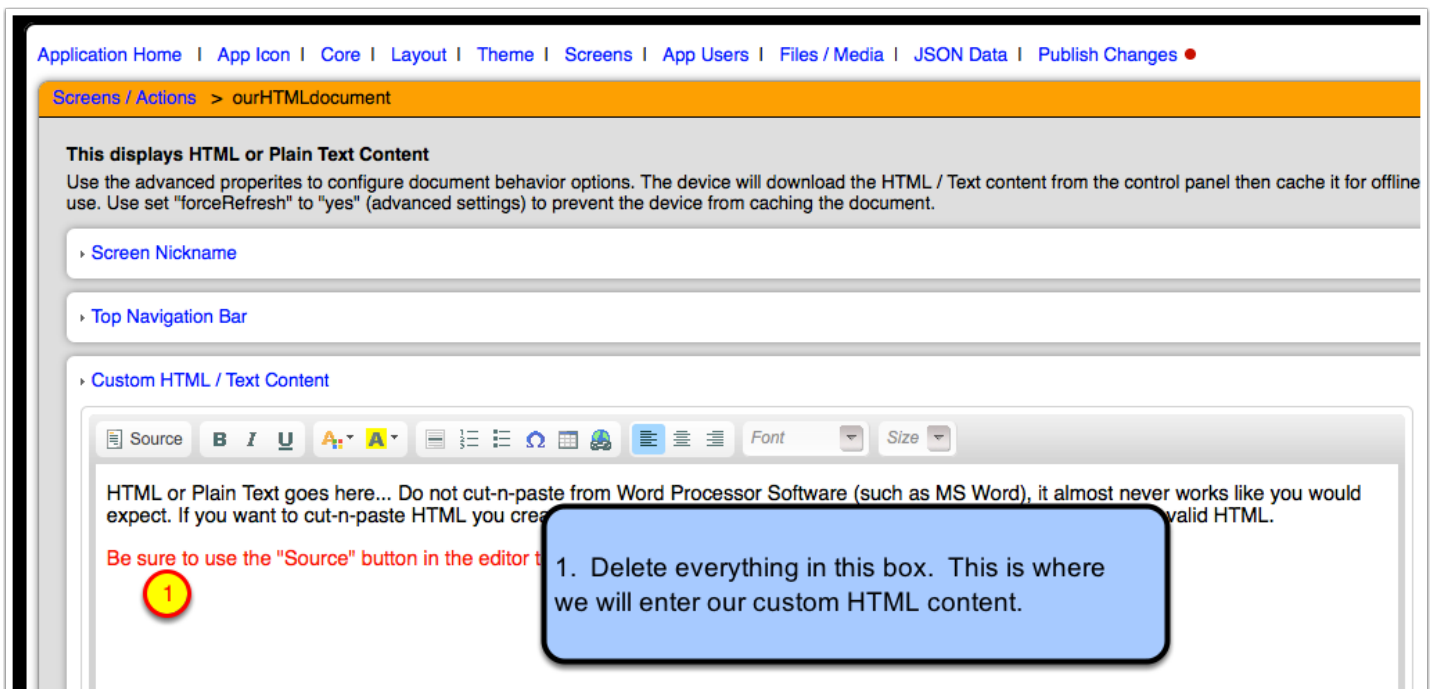
Open the plugin

Just as before, open this new plugin screen for editing.



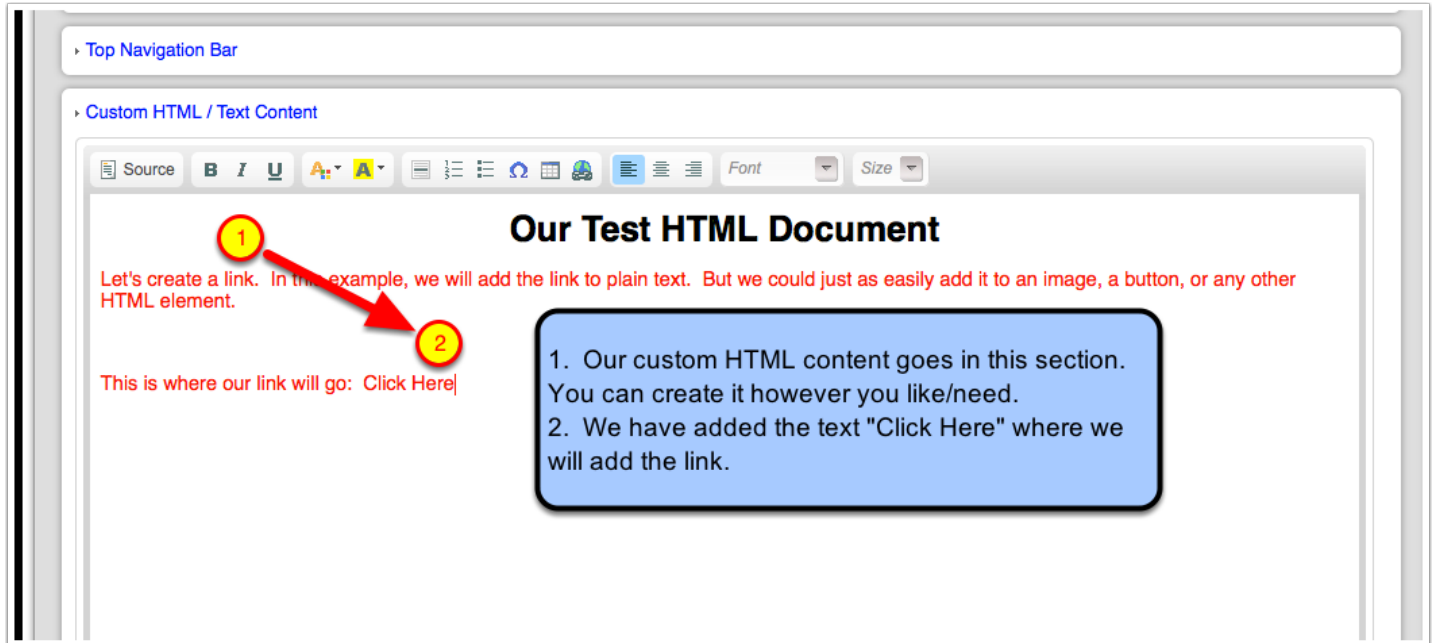
Prepare the HTML document for editing

The first thing we need to do is prepare the HTML document for editing. To do this, delete the default text that is displayed.



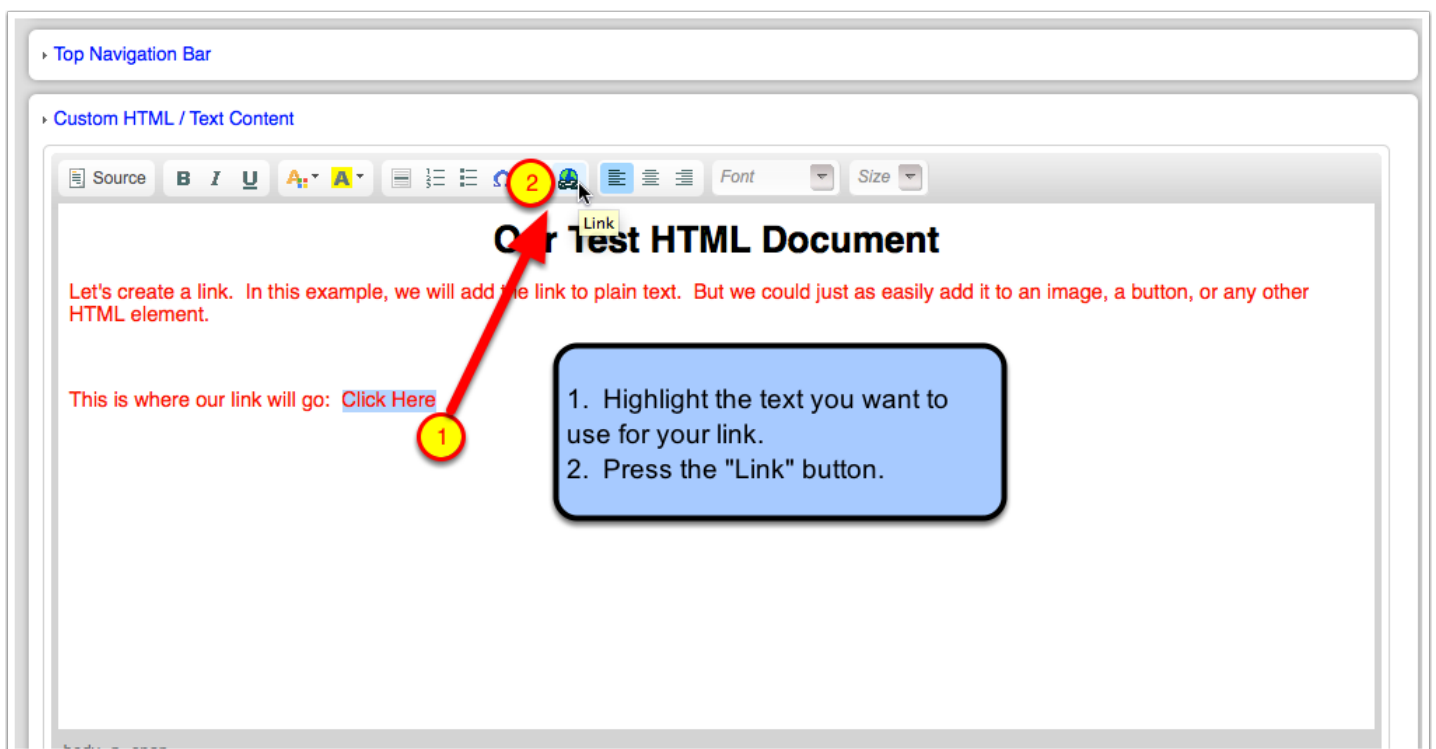
Create the HTML document

Create the HTML document to suit your needs. In this tutorial, we entered some basic text, with color and font-size attributes applied. Be sure to add a place where you will create the link.



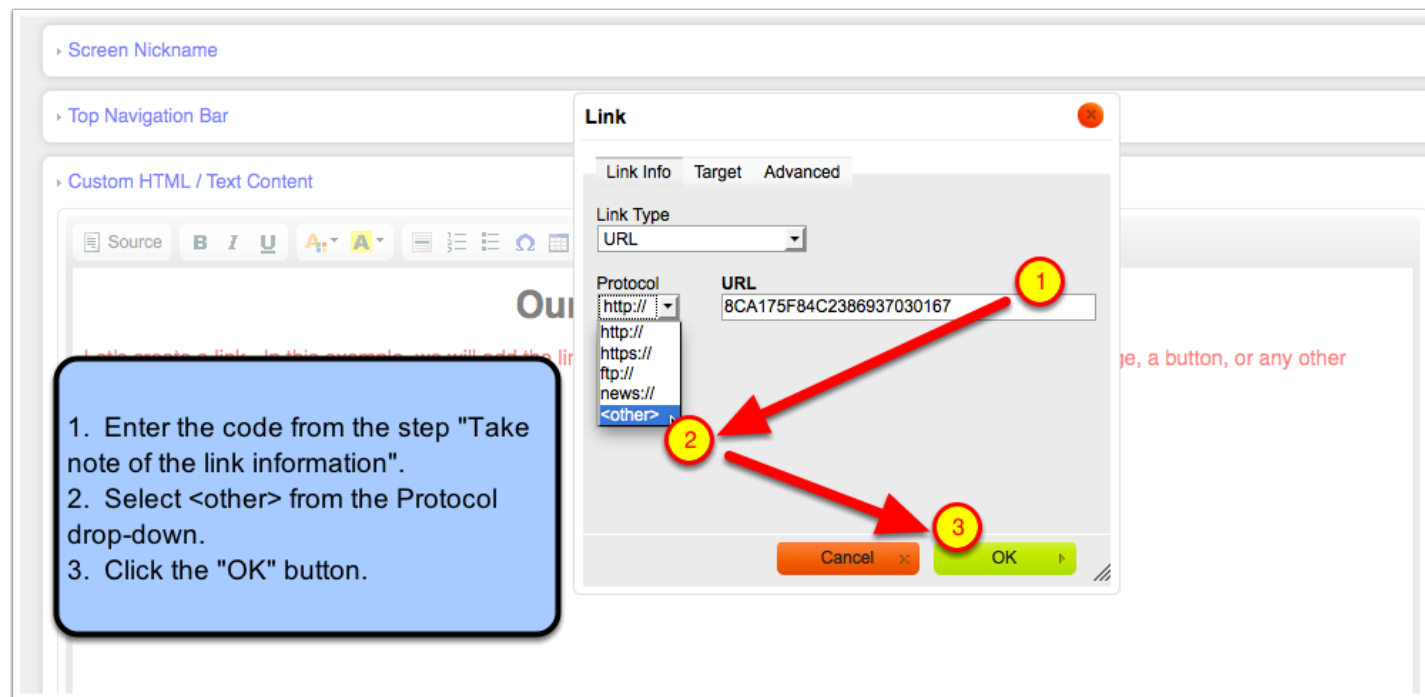
Create the link

Create the link by highlighting the text for your link and pressing the "link" button.



Setup the link

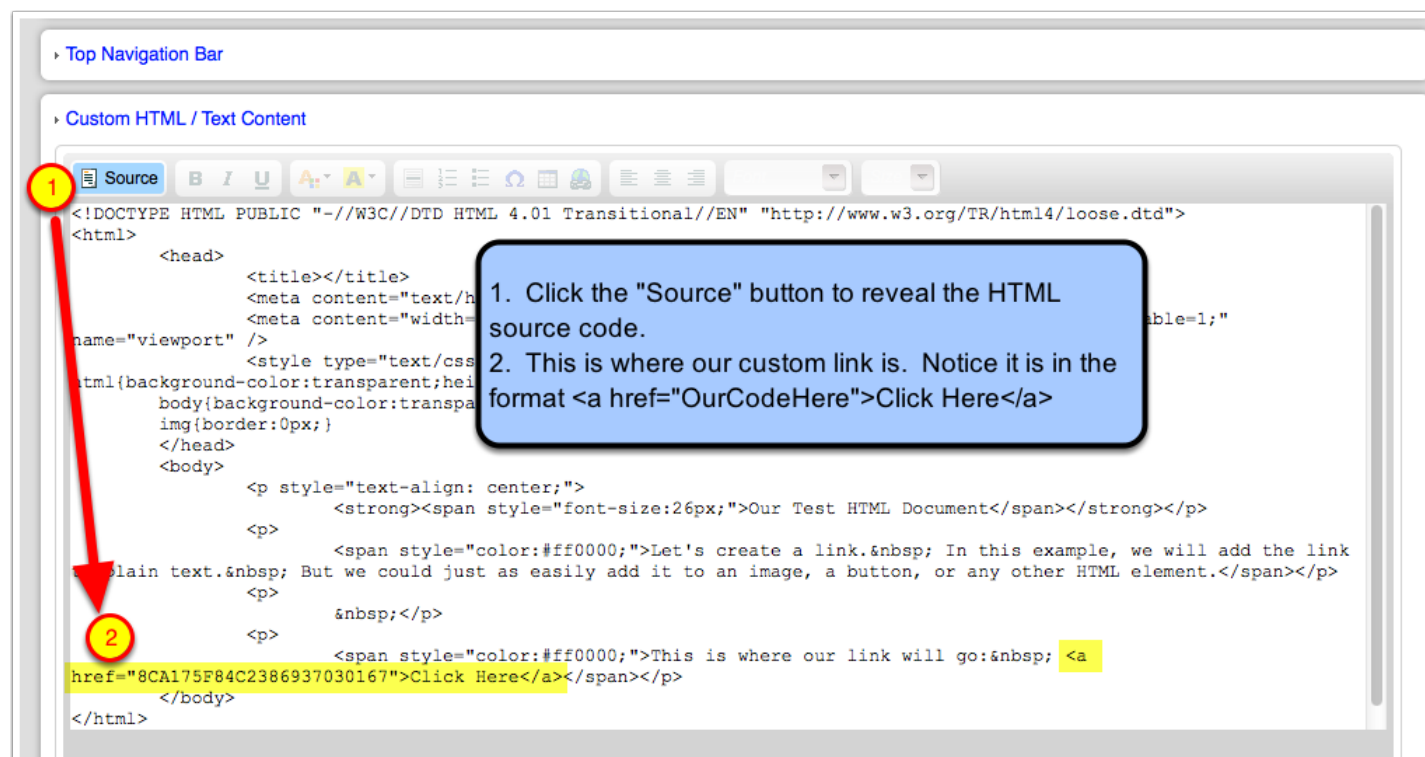
Remember that code from the step "Take note of the link information"? Paste that into the field labeled "URL" in the popup that appears. Also change the Protocol to <other>. Setting the protocol to <other> tells the Custom HTML/Text plugin to not enter a prefix (such as 'http://', 'ftp://', etc).



Verify the HTML looks appropriate

Advanced Users Only!

Verify the "Source" is correct and that the link was created correctly. If you don't understand HTML, you should probably skip this step. But if you do understand HTML, this can be very helpful



1. Click the "Source" button to reveal the HTML source code.

2. This is where our custom link is. Notice it is in the format `Click Here`

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head>
    <title></title>
    <meta content="text/html" />
    <meta content="width=device-width, initial-scale=1;" />
    <style type="text/css">
      html{background-color:transparent; height:100%;}
      body{background-color:transparent; margin:0px;}
    </head>
    <body>
      <p style="text-align: center;">
        <strong><span style="font-size:26px;">Our Test HTML Document</span></strong></p>
      <p>
        <span style="color:#ff0000;">Let's create a link.&nbsp;   In this example, we will add the link
        plain text.&nbsp;   But we could just as easily add it to an image, a button, or any other HTML element.</span></p>
      <p>
        &nbsp;  </p>
      <p>
        <span style="color:#ff0000;">This is where our link will go:&nbsp;   <a
        href="8CA175F84C2386937030167">Click Here</a></span></p>
    </body>
  </html>
```

Save the document

When you are finished, click the "save" button to create your HTML document. Copy the "dataURL" - we will need this in the steps that follow.

1. Click the "save" button to save your document.
2. Highlight the "dataURL" and copy it to the clipboard.
Note that this is a valid URL pointing to your new HTML document. You can paste it into your browser's navigation bar and see your HTML document in action!

Note: This plugin does NOT support the Live / Design mode feature. If you click Save the content you see here will show in the device regardless of what "mode" the device is in.

save 1

● **Saved!**

JSON Data for this Plugin (for reference, copy and paste as needed)

```
{
  "itemId": "56B0790D509E99CA3DA2DF3",
  "itemType": "BT_screen_customHTML",
  "itemNickname": "ourHTMLdocument",
  "navBarTitleText": "ourHTMLdocument",
  "dataURL": "http://www.c...n/files/applications/EAA2B66F797F1DDAAF71C508/documents/customHTML_56B0790D509E99CA3DA2DF3.html"
}
```

2

Document Behavior

Require Login

Screen Background Color

Return to the HTML Pro screen

Now we need to return to the HTML Pro screen to paste in the URL we just copied.

Application Home | App Icon | Core | Layout | Theme | **Screens** | App Users | Files / Media | JSON Data | Publish Changes ●

Manage Screens and Actions for htmlProTest

+ Add New | List View | Grid View | search... | Search all plugin

HTML 5 ourHTMLdocument

Blank1

HTML Pro HTMLPro

1 - 3 of 3

1

2

1. Click the "Screens" link at the top.
2. Click on the "HTML Pro" screen we created earlier in this tutorial.

Navigate to the "Document Location" section

Scroll down the HTML Pro screen until you find the "Document Location" section. Click it to expand it.

The screenshot shows the HTML Pro plugin interface. At the top, there is a navigation bar with links: Application Home, App Icon, Core, Layout, Theme, Screens, App Users, Files / Media, JSON Data, and Publish Changes. Below this is a breadcrumb trail: Screens / Actions > HTMLPro. The main content area is titled 'HTML Pro Plugin' and contains instructions on how to use the plugin to add hyperlinks to HTML documents. It includes a code example: `This is a cool link!`. Below the instructions, there are several expandable sections: Screen Nickname, Top Navigation Bar, Links to Buzztouch Screens, and Document Location. The 'Document Location' section is currently collapsed. A red arrow points from a yellow circle with the number '1' to the 'Links to Buzztouch Screens' section, and another red arrow points from a yellow circle with the number '2' to the 'Document Location' section. A blue callout box on the right contains the following text: '1. Note: We clicked on "Links to Buzztouch Screens" to collapse that section. That just makes it easier to navigate.' and '2. Click on "Document Location" to expand that section.'

Application Home | App Icon | Core | Layout | Theme | Screens | App Users | Files / Media | JSON Data | Publish Changes ●

Screens / Actions > HTMLPro

HTML Pro Plugin

This plugin allows you to add hyperlinks to any html document that point to any plugin screen in your app. For each hyperlink to a plugin screen the include in the html document, add the link below as a menu item. This control panel will then tell you what you should use as the hyperlink. For inst panel tells you to use "12345ABCDE" as your hyperlink, your html link might look like:

```
<a href="12345ABCDE">This is a cool link!</a>
```

Be sure to also set the "document properties" section below to tell the plugin where your html document is located. This can either be an online UR bundled with the app.

You can also use Javascript to create links. Works with HTML5, CSS, Javascript, etc! For a quick demo video, go to this link: <http://youtu.be/jOJz8l>

- Screen Nickname
- Top Navigation Bar
- Links to Buzztouch Screens
- Document Location

File Name in Project > Select

OR an internet address (enter one or the other, not both)

Load from this URL instead > Select

1. Note: We clicked on "Links to Buzztouch Screens" to collapse that section. That just makes it easier to navigate.
2. Click on "Document Location" to expand that section.

Paste in the dataURL

Paste in the URL you copied from the HTML document into the field labeled "Load from this URL instead" and save the result.

Be sure to also set the "document properties" section below to tell the plugin where your html document is located. This can either be an online URL or a local document bundled with the app.

You can also use Javascript to create links. Works with HTML5, CSS, Javascript, etc! For a quick demo video, go to this link: <http://youtu.be/jOJz8lm2tEc>

› Screen Nickname

› Top Navigation Bar

› Links to Buzztouch Screens

› Document Location

File Name in Project › Select

OR an internet address (enter one or the other, not both)

Load from this URL instead › Select

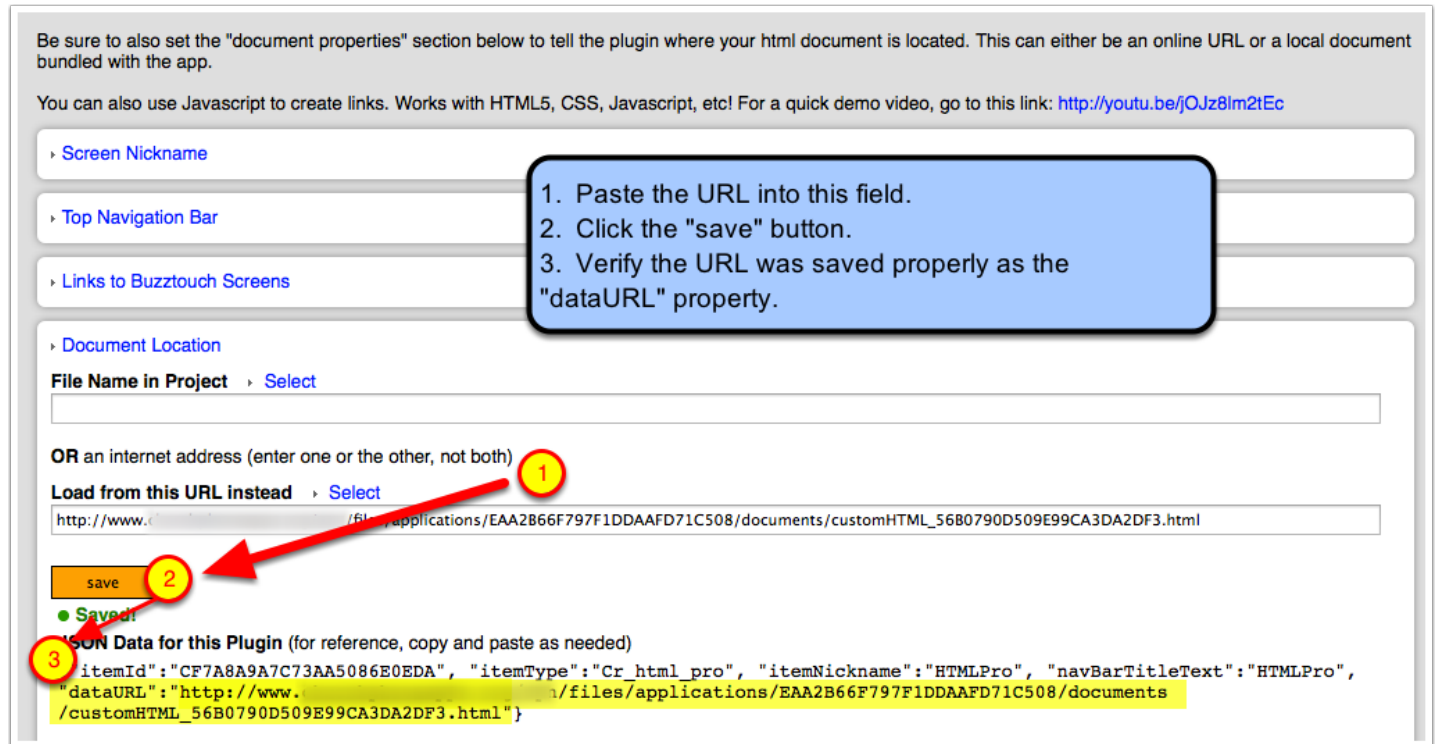
http://www.1000logos.net/files/applications/EAA2B66F797F1DDAAF71C508/documents/customHTML_56B0790D509E99CA3DA2DF3.html

save

● Saved!

JSON Data for this Plugin (for reference, copy and paste as needed)

```
{
  "itemId": "CF7A8A9A7C73AA5086E0EDA",
  "itemType": "Cr_html_pro",
  "itemNickname": "HTMLPro",
  "navBarTitleText": "HTMLPro",
  "dataURL": "http://www.1000logos.net/files/applications/EAA2B66F797F1DDAAF71C508/documents/customHTML_56B0790D509E99CA3DA2DF3.html"
}
```



Download source code and test1

That's it - you successfully created an HTML document that points to a plugin screen - Congratulations! The last thing to do is to download your source code and test it out.

The screenshot shows the 'htmlProTest Control Panel' interface. On the left is the 'Application Options' sidebar with a list of links: 'My Account', 'Back to Applications', 'App Icon', 'Core', 'Layout', 'Theme', 'Screens', 'App Users', 'Files / Media', 'JSON Data', 'Publish Changes' (with a red dot), 'Usage Map', 'Push Notifications', and 'Download Source Code'. A red circle with the number '1' is placed over the 'Download Source Code' link. The main content area has an orange header 'htmlProTest Control Panel'. Below it is a plugin card for 'htmlProTest' with a question mark icon and metadata: 'created: 05/08/2013 08:49 AM', 'modified: 05/08/2013 05:22 PM', 'published: 05/08/2013 08:49 AM', and 'vers: 1.0 views: 0'. A red circle with the number '2' is placed over the top right corner of this card. A red arrow points from the '1' circle to the '2' circle. Below the plugin card, there is explanatory text about themes, tabs, screens, and actions, and a section titled 'About Version, Modified and Published'. A blue callout box on the right contains two numbered steps: '1. In the "Application Home" screen (from link at top), select the "Download Source Code" link on the left. Test as you do all your apps.' and '2. Pat yourself on your back - and enjoy your much improved app!'.

Application Options

- My Account
- Back to Applications
- App Icon
- Core
- Layout
- Theme
- Screens
- App Users
- Files / Media
- JSON Data
- Publish Changes ●
- Usage Map
- Push Notifications
- Download Source Code

htmlProTest Control Panel

htmlProTest
created: 05/08/2013 08:49 AM
modified: 05/08/2013 05:22 PM
published: 05/08/2013 08:49 AM
vers: 1.0 views: 0

Themes, Tabs, Screens and Actions control the applications look, feel, functionality and behavior. Every screen and action is an individual Plugin. Available plugins are managed by system administrators using the admin panel.

Every plugin has its own unique characteristics. Some plugins are simple, some more complex. It's best to experiment with some simple plugins until you get comfortable.

It's best to design and build the app with a screen make in the control panel affect the application.

Uploading Files and Media to the control panel organized in a centralized location.

About Version, Modified and Published
If the Modified and Published values don't match the App Store or Market.

1. In the "Application Home" screen (from link at top), select the "Download Source Code" link on the left. Test as you do all your apps.

2. Pat yourself on your back - and enjoy your much improved app!