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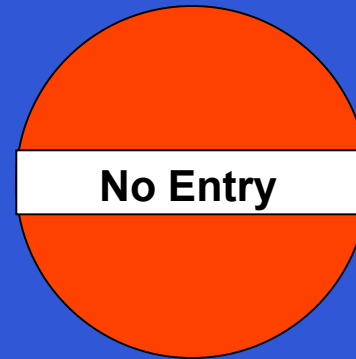
LassoApps

Protecting your source

by
Duncan Cameron

Solutions

Source Protection



Packaged Solution

Developers

Source Protection

-Intellectual property protection



Source Protection

Commercial Perspective

Earn a living

Intellectual Property

Multi-income



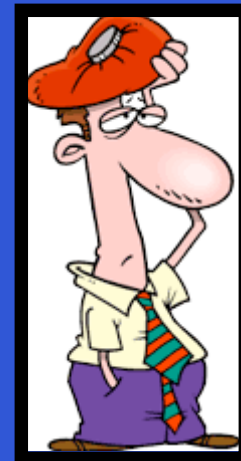
Source Protection

Client Perspective

Overwhelming Responsibility

Accidents Happen

Reassurance



Packaged Solution

File Size



Compressed

Single File

Easy Distribution

Packaged Solution

Portability



Email Distribution

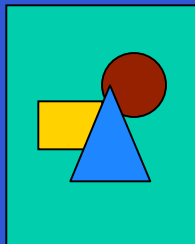
File Download Distribution

Compact & Floppy Disk Distribution

How do LassoApps work?



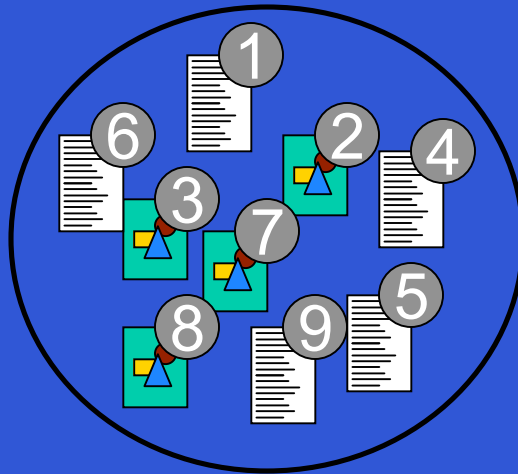
Lasso Formatted Text files



.gif and .jpg image files

How do LassoApps work?

[Include:(LassoApp_Link:'filename.lasso')]



Within LassoApp

[Include:'filename.lasso']



Outside LassoApp

What are requirements to running LassoApps?



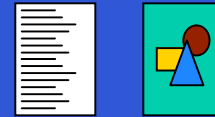
**Lasso™
Professional 6**

The Next-Generation Web Data Engine

Preparing for a LassoApp application

- Allowed file types

.gif .jpg .lasso



- Other file types

.swf .dcr



- Custom Tags

- File Structure

Custom Tag Caution

```
<?lassoscript
    If: !(Lasso_TagExists: 'customTagName');

        .....
    /if;
?>
```

Example Structure

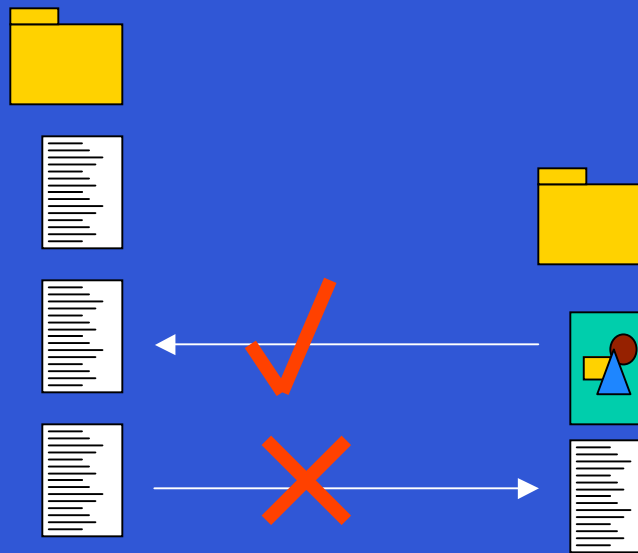
- example – contains all files, folders and images that work with the application.
- images – contains all images that are used within the application.
- library – contains all library files used within the application.
- tables – contains all table templates used within the application.

File Structure Rules

example Folder

```
|  
|--- image Folder  
|    |  
|    |--- logo.gif  
|  
|--- library Folder  
|    |  
|    |--- inc_lib_conf.lasso  
|    |--- inc_lib_datevars.lasso  
|  
|--- tables Folder  
|    |  
|    |--- table_ae_difference.lasso  
|    |--- table_ae_format.lasso  
|    |--- table_v_search.lasso  
|  
|  
|--- index.lasso  
|--- indx_main.lasso  
|--- searchR_main.lasso  
|--- template_public.lasso
```

Referencing Includes and images



How do I link or include files within a LassoApp?

Anchor Tag Link

```
<A HREF="[LassoApp_Link: 'index.lasso']">Homepage</A>
```

How do I link or include files within a LassoApp?

Form Action

```
<FORM ACTION="[LassoApp_Link: 'index.lasso']" METHOD="POST">  
    ...  
</FORM>
```

How do I link or include files within a LassoApp?

Images

```
<IMG SRC="[LassoApp_Link: 'images/logo.gif']" BORDER="0">
```


How do I link or include files within a LassoApp?

Remote Links


```
<A HREF="http://www.lassodevelopment.com">Working Link</A>
```

Variables with [LassoApp_Link]

```
[if: $condition == 'test1']  
    [var:'page' = 'one']  
[else: $condition == 'test2']  
    [var:'page' = 'two']  
[/if]  
  
[include: (LassoApp_Link: $page + '_main.lasso')]
```



```
[if: $condition == 'test1']  
    [var:'page' = (LassoApp_Link:'one_main.lasso')]  
[else: $condition == 'test2']  
    [var:'page' = (LassoApp_Link:'two_main.lasso')]  
[/if]  
  
[include: $page]
```



Naming the LassoApp

For example, the first file name could be:

DC_example_1a

Then while you are building in version 1, you just need to progress the *a* to *b*:

DC_example_1b

This is an easy way to control your upgrades and updates, because you don't need to change it to version 2a until you are happy that it qualifies for a full number change.

Building the LassoApp

Using the LDML tag

On a windows set-up the tag will look like this:

```
[LassoApp_Create:-Root='C:\\InetPub\\wwwroot\\AppFolder\\',  
                -Entry='index.lasso',  
                -Result='C:\\InetPub\\wwwroot\\AppFolder.LassoApp']
```

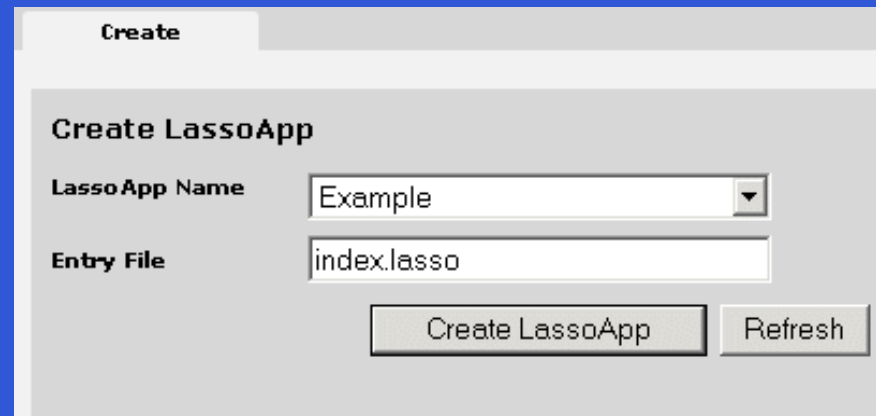
Mac OS X

```
[LassoApp_Create:-Root='/Library/WebServer/Documents/AppFolder/',  
                -Entry='index.lasso',  
                -Result='/Library/WebServer/Documents/AppFolder.LassoApp']
```

Using the Lasso Administration Interface



Using the Lasso Administration Interface



The screenshot shows a web-based administration interface for Lasso. It features a tabbed interface with the 'Create' tab selected. Below the tab is a section titled 'Create LassoApp'. This section contains two input fields: 'LassoApp Name' with a dropdown menu showing 'Example', and 'Entry File' with a text input field containing 'index.lasso'. At the bottom of this section are two buttons: 'Create LassoApp' and 'Refresh'.

Create

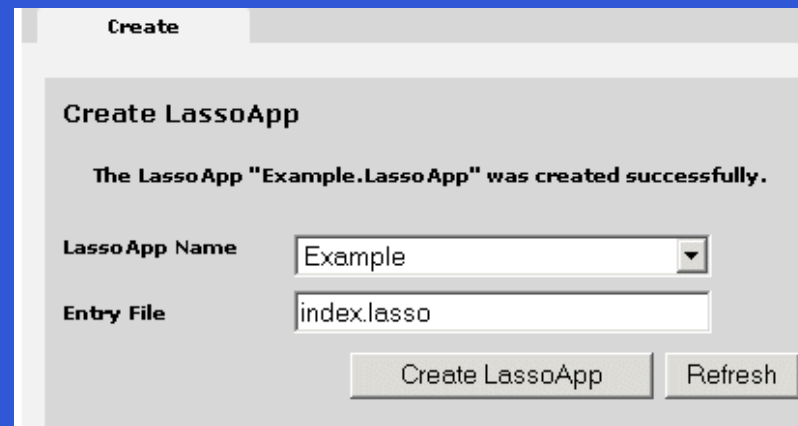
Create LassoApp

LassoApp Name Example

Entry File index.lasso

Create LassoApp Refresh

Using the Lasso Administration Interface



The screenshot shows a web-based administration interface for Lasso. The main heading is "Create LassoApp". Below this, a message states: "The LassoApp 'Example.LassoApp' was created successfully." There are two input fields: "LassoApp Name" with a dropdown menu showing "Example", and "Entry File" with a text box containing "index.lasso". At the bottom right, there are two buttons: "Create LassoApp" and "Refresh".

Create

Create LassoApp

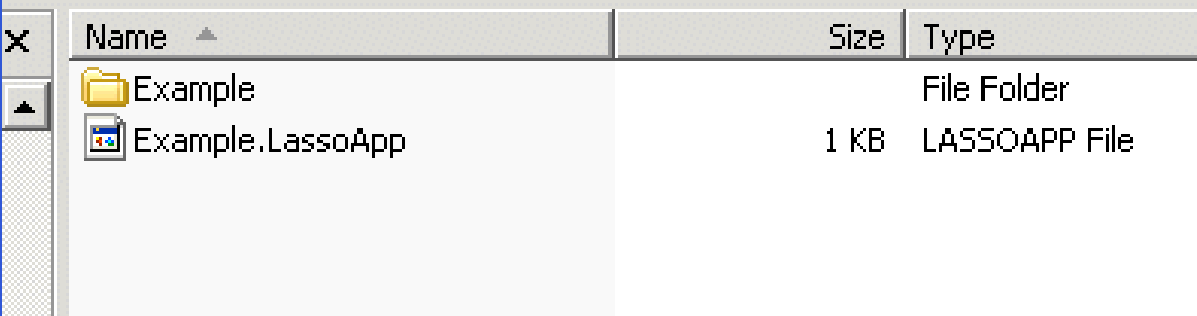
The LassoApp "Example.LassoApp" was created successfully.

LassoApp Name

Entry File

Create LassoApp Refresh

Using the Lasso Administration Interface



A screenshot of a file explorer window with a table of contents. The window has a standard Mac OS X-style title bar with a close button (X) and a scroll bar on the left. The table has three columns: Name, Size, and Type. The first row shows a folder named 'Example' with a yellow folder icon, a size of 0 KB, and a type of 'File Folder'. The second row shows a file named 'Example.LassoApp' with a Lasso application icon, a size of 1 KB, and a type of 'LASSOAPP File'.

Name	Size	Type
Example	0 KB	File Folder
Example.LassoApp	1 KB	LASSOAPP File

Building the LassoApp

Possible Errors while building a LassoApp

- Syntax Errors

- Wrong file Types

- Empty Files

- Missing Referenced Files

Building the LassoApp

Navigating LassoApps

If you want to call specific files or images within a LassoApp, this can be done by using the -ResponseLassoApp tag as follows via a URL:

```
http://domain.com/example.LassoApp?-ResponseLassoApp=pagename.lasso
```

Other Points

Dual Pricing

Remote Building

Summary

Source Protection
Packaged Solution

