Custom ColdFusion Functions

The following are samples and explanations of the usage of custom ColdFusion functions used in The System. These functions are created to facilitate the processing of information, and to keep consistency among developers. This list is not exhaustive.

Function Name: pageRedirect();

Redirects an existing page to a new one, giving the user an opportunity to update their links. Displays the custom 301 redirect page for a variable length of time before continuing to the new page.

Explanation of Use

The code must be inserted in the first line of the controlling page, usually index.cfm. Change the values of newURL and newTitle to match your requirements.

Code

pageRedirect (newURL [, newTitle] [, time])

Arguments

Parameter	Is Required (yes/no)?	Default Value	Description
newURL	Yes	"" (blank space)	Path to the new URL, must be absolute.
newTitle	No	"" (blank space)	Title of the new page.
time	No	"" (blank space)	Time, in seconds, to wait before sending the page to the new page. No number indicates an instant redirect.

Code examples

Instantaneous redirect
```
<cfscript>pageRedirect("test_home", "Home Page");</cfscript>
```

Timed redirect with a 30 second delay
```
<cfscript>pageRedirect("test_home", "Home Page", 30);</cfscript>
```

Example of the code in action (redacted)

Sends the user to a pre-made HTML form to securely send email messages though the open web page. This is to prevent malicious attacks such as SQL injections or DoS.

Explanation of Use
The code can be inserted anywhere in your .cfm file. Replacing mailto and link as needed.

Code
safeEmail (mailto, link [, subject] [, cc])

Arguments

Parameter	Is Required (yes/no)?	Default Value	Description
mailto	Yes	None	The email address of the receiver. Can be a comma separated list.
link	Yes	None	Visible text to display in the email form, e.g. 'Email to Bob'. Doubles as a subject if subject field is left empty.
subject	No	You've got mail!	Adds a subject line. If not set, will add the link text.
cc	No	"" (blank space)	Email address of the carbon copy recipient. Can also be a comma separated list.

Code examples

Single email address
<cfoutput>#safeEmail("email@email.com", "Email Link Text")#</cfoutput>

Single email with subject
<cfoutput>#safeEmail("email@email.com", "Email Link Text", "Email Subject Text")#</cfoutput>

Multiple email with subject and CC
<cfoutput>#safeEmail("email@email.com, email2@email.com", "Email Link Text", "Email Subject Text", "ccemail@email.com, ccemail2@email.com")#</cfoutput>

Opens documents in their native applications to allow for full usability and safety from macros and other malware. Displays formats and sizes on webpage.

Explanation of Use
The code can be inserted anywhere in your .cfm file. Replacing title and path as needed.

Code
safeDoc (title, path [, size] [, disTitle)

Arguments

Parameter	Is Required (yes/no)?	Default Value	Description
title	Yes	None	The title of the document.
path	Yes	None	Relative or absolute path to the file in question.
size	No	0	Accepts filesizes in whole numbers. Converts to MB if greater than 1024KB. Setting this field to 'auto' allows ColdFusion to parse that information on its own.
disTitle	No	TRUE	Boolean value that displays the title of the document. FALSE displays file type without title.

Code examples

Basic Document
<cfoutput>#safeDoc("This document", "files/thisdoc.pdf")#</cfoutput>

Output
This document (PDF)

Document with filesize
<cfoutput>#safeEmail("This Document Two", "files/thisdoc2.doc ", "50")#</cfoutput>

Output
This document (MS Word, 50KB)

Document with auto filesize, no title
<cfoutput>#safeEmail("This Document Three", "files/thisdoc3.xlsx ", "auto", "FALSE")#</cfoutput>

Output
Excel (MS Excel, 35MB)