

Example 1: CF Page

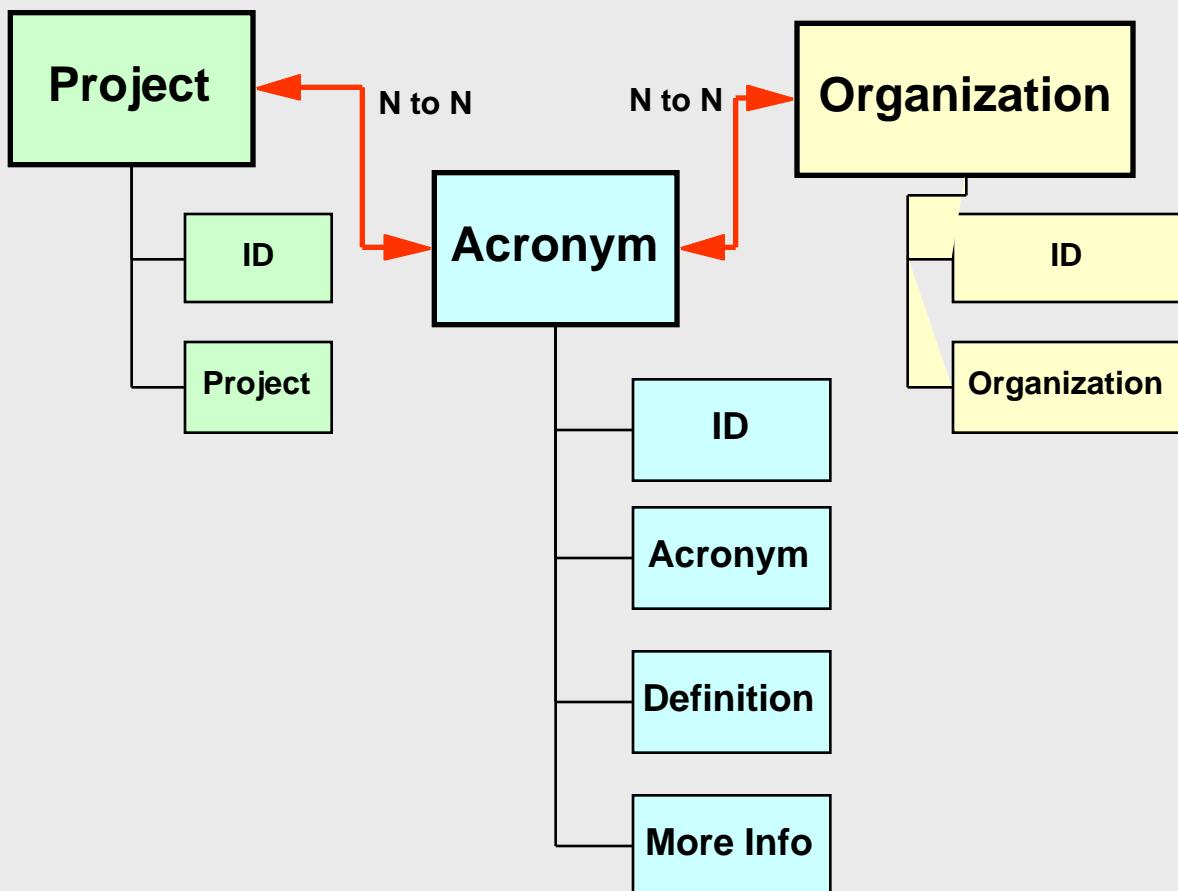
```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>    <TITLE>AcroBat</TITLE>  </HEAD>
<BODY BGCOLOR= "White">

<CFQUERY DATASOURCE="AcroBat" NAME="qGetList">
    SELECT
        Acronym, Definition
    FROM
        Acronym
</CFQUERY>

<H2>Acronym List:</H2>
<TABLE BORDER>
<TR>
    <TH ALIGN="LEFT" BGCOLOR="Silver">Acronym</TH>
    <TH BGCOLOR="Silver">Definition:</TH>
</TR>
<CFOUTPUT QUERY = "qGetList">
<TR>
    <TD> #Acronym#   </TD>
    <TD> #Definition# </TD> </TR>
</CFOUTPUT>
</TABLE>
</BODY>
</HTML>
```

Example 2: Task Analysis

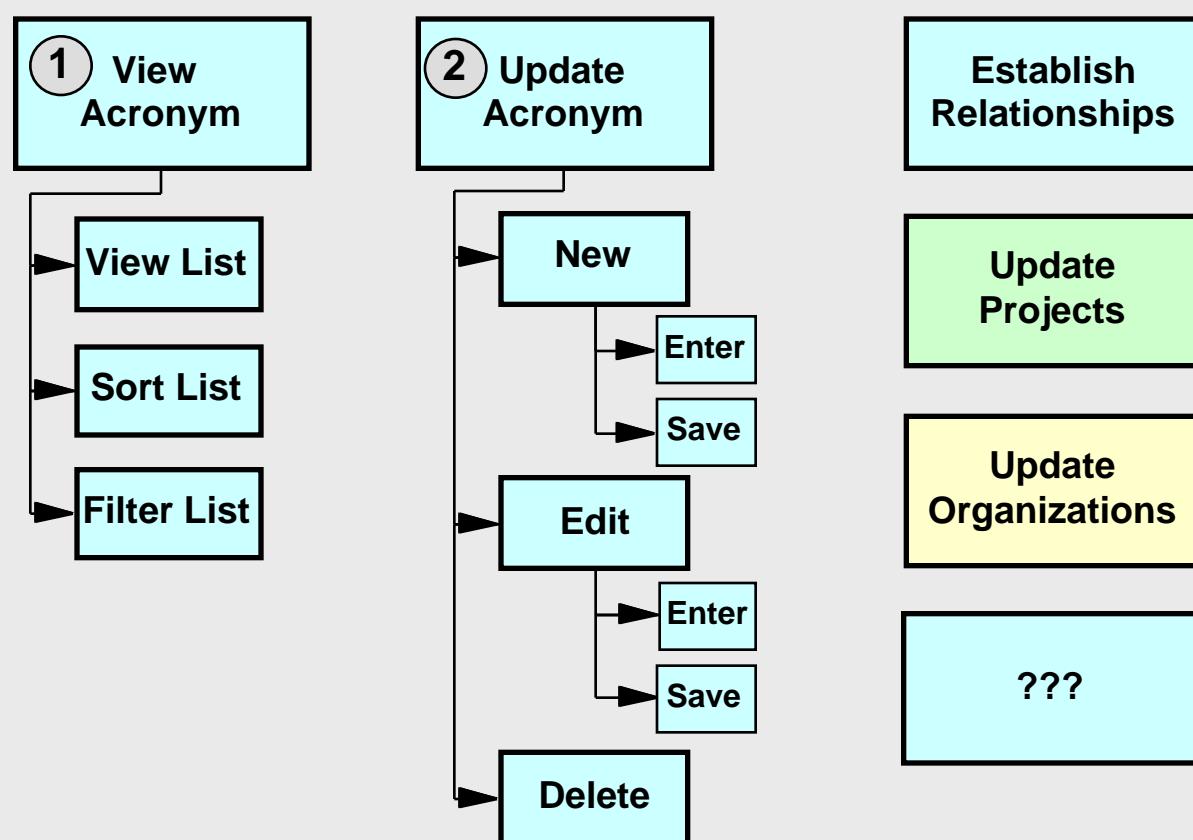
Acronym Application:
Identify Data Objects and Relationships*



- * In the case of a database, this information may be pre-defined

Task Analysis, con't.

Acronym Application: Identify Tasks and Sub-Tasks



- Brainstorm high level tasks
- Break down into lower level tasks
 - » Bottom level tasks will *probably* be template pages
- Identify similar/ identical actions with similar/identical data
 - » Planning ahead will help you reuse code
- Attempt to identify the order and priority tasks

Example 3: Conventions

File Naming Conventions:

This is *very* important, since CF “applications” are basically collections of template files. Maintaining these files can become very difficult if the file names are obscure or poorly organized.

Poor Naming:

Files:

AcDel.cfm
ActoProj.cfm
AcUpdate.cfm
DelOrg.cfm
EditProj.cfm
EnterOrg.cfm
NewAc.cfm
OrgToAc.cfm
OrgUpdat.cfm
ProjDel.cfm
ProjNew.cfm
ViewList.cfm

Much Better:

Folders:Files

Acronym
DeleteAcronym.cfm
InsertAcronym.cfm
LinkAcronymToOrg.cfm
LinkAcronymToProject.cfm
UpdateAcronym.cfm
ViewAcronymList.cfm

Organization
DeleteOrg.cfm
InsertOrg.cfm
UpdateOrg.cfm

Project
DeleteProject.cfm
InsertProject.cfm
UpdateProject.cfm

Example 4: CF Page Elements

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>
<TITLE>AcroBat</TITLE>
</HEAD>
<BODY BGCOLOR= "White" onLoad=
"parent.toolbar.location.href= 'toolbar.cfm'">

<CFQUERY DATASOURCE="AcroBat" NAME="qGetList">
    SELECT
        Acronym, AcronymID, Definition, Info
    FROM
        Acronym
</CFQUERY>

<H2>Acronym List:</H2>
<TABLE CELLSPACING=2 CELLPADDING=4>
<TR>
<TH ALIGN="LEFT" BGCOLOR="Silver">Acronym</TH>
<TH BGCOLOR="Silver">Definition:</TH>
</TR>
<TR>
<TH ALIGN="LEFT" BGCOLOR="Silver" COLSPAN=3> For
more information:</TH>
</TR>
```

JavaScript

Cold
Fusion
Tags
(Query)

Standard
HTML

CF Page Elements, con't

```
<CFOUTPUT QUERY = "getList">
<TR>
<TD><A HREF="EditAcronym.cfm?ID=#AcronymID#">
#Acronym#</A> </TD>
<TD> #Definition# </TD>
</TR>
<TR>
<TD COLSPAN=2> #Info# </TD>
</TR>
<TR>
<TD COLSPAN=3><HR>
</TD></TR>
</CFOUTPUT>
</TABLE>

</BODY>
</HTML>
```

**Cold Fusion
Dynamic
Field
References**

Demo 1: Select/Display

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>    <TITLE>View Acronyms</TITLE>    </HEAD>
<BODY>
<H2>View Acronyms</H2>

<CFQUERY NAME="qGetAcronyms" DATASOURCE="AcroBat">
SELECT Acronym, Definition
FROM Acronym
ORDER BY Acronym
</CFQUERY>

<TABLE BORDER="1">
<TH>Acronym</TH>
<TH>Definition</TH>

<CFOUTPUT QUERY="qGetAcronyms">
<TR>
    <TD> #Acronym# </A></TD>
    <TD> #Definition# </TD>
</TR>
</CFOUTPUT>
</TABLE>
</BODY>

</HTML>
```

Demo 2: Input Form (Static)

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>    <TITLE>New Acronym</TITLE></HEAD>

<BODY>
<FORM ACTION="InsertAcronym.cfm" METHOD="POST">

<H2>Enter a new Acronym</H2>

<P><B>Acronym:</B>&nbsp;&nbsp;<INPUT TYPE="Text" NAME="Acronym" SIZE="15" MAXLENGTH="25">
<P><B>Definition:</B> &nbsp;&nbsp;<INPUT TYPE="Text" NAME="Definition" SIZE="30" MAXLENGTH="250">

<P>
<INPUT TYPE="Submit" VALUE="Save">
<INPUT TYPE="RESET">
</FORM>

</BODY>
</HTML>
```

Demo 3: Input Form (Dynamic)

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>    <TITLE>Edit Acronym</TITLE>    </HEAD>
<BODY>

<CFQUERY NAME="qGetAcronym" DATASOURCE="AcroBat">
SELECT Acronym, Definition
FROM Acronym
WHERE AcronymID = #ID#
</CFQUERY>

<FORM ACTION="UpdateAcronym.cfm" METHOD="POST">
<H2>Edit an Acronym</H2>

<CFOUTPUT QUERY="qGetAcronym">
<P><B>Acronym:</B>&nbsp;&nbsp;<INPUT TYPE="Text" NAME="Acronym" VALUE="#Acronym#" SIZE="15" MAXLENGTH="25">
<P><B>Definition:</B> &nbsp;&nbsp;<INPUT TYPE="Text" NAME="Definition" VALUE="#Definition#" SIZE="30" MAXLENGTH="250">
<INPUT TYPE="HIDDEN" NAME="ID" VALUE="#ID#">
</CFOUTPUT>

<INPUT TYPE="Submit" NAME="Submit" VALUE="Save">
<INPUT TYPE="RESET">
</FORM></BODY></HTML>
```

Demo 4: <CFINSERT> Action

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">

<HTML>
<HEAD>
    <TITLE>Save Acronym</TITLE>
</HEAD>

<BODY>
<H2>Thanks for the info!</H2>

<CFINSERT DATASOURCE="AcroBat" TABLENAME="Acronym">

</BODY>
</HTML>
```

Demo 5: <CFQUERY> Action

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">

<HTML>
<HEAD>
    <TITLE>Save Acronym</TITLE>
</HEAD>

<BODY>
<H2>Thanks for the info!</H2>

<CFQUERY DATASOURCE="AcroBat" NAME="UpdateAcronym">
UPDATE Acronym
SET Acronym = '#Acronym#',
    Definition = '#Definition#'
WHERE AcronymID = #ID#
</CFQUERY>

</BODY>
</HTML>
```

Demo 6: CFLOCATION

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">

<HTML>
<HEAD>
    <TITLE>Save Acronym</TITLE>
</HEAD>

<BODY>
<H2>Thanks for the info!</H2>

<CFQUERY DATASOURCE="AcroBat" NAME="UpdateAcronym">
UPDATE Acronym
SET Acronym = '#Acronym#',
    Definition = '#Definition#'
WHERE AcronymID = #ID#
</CFQUERY>

<CFLOCATION URL="ViewAcronyms.cfm">

</BODY>
</HTML>
```

CFLOCATION Statement

Demo 7: CFINCLUDE

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>    <TITLE>View Acronyms</TITLE>    </HEAD>
<BODY>
<H2>View Acronyms</H2>

<CFQUERY NAME="qGetAcronyms" DATASOURCE="AcroBat">
SELECT Acronym, Definition
FROM Acronym
ORDER BY Acronym
</CFQUERY>

<TABLE BORDER="1">
<TH>Acronym</TH>
<TH>Definition</TH>
<CFOUTPUT QUERY="qGetAcronyms">
<TR>
    <TD> #Acronym# </A></TD>
    <TD> #Definition# </TD>
</TR>
</CFOUTPUT>
</TABLE>

<CFINCLUDE TEMPLATE="..../TEAExample/Footer.htm">

</BODY></HTML>
```

CFINCLUDE Statement

Demo 8: Conditionals

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">

<HTML>
<HEAD>
    <TITLE>Save Acronym</TITLE>
</HEAD>

<BODY>

<CFIF #Acronym# EQ "">
    <H2>Sorry, you forgot to enter an Acronym!</H2>
    <FONT SIZE="+1">
        <A HREF="NewAcronym.cfm">Go back and try again!</A>
    </FONT>
<CFELSE>
    <H2>Thanks for the info!</H2>
    <CFINSERT DATASOURCE="AcroBat" ABLENAME="Acronym">
</CFIF>

</BODY>
</HTML>
```

Example 5: Functions

Sample String functions:

- Trim: Returns string with both leading and trailing spaces removed.
- Ucase: Returns string converted to uppercase.

Sample Date functions:

- Now: Returns the current date and time as a valid date/time object.
- DateFormat: Returns a formatted date/time value.

Sample Number functions:

- RandRange: Returns a random integer between two specified numbers.
- IncrementValue: Returns integer part of a specified number incremented by one.

Other useful functions:

- IsDefined: Returns YES if the specified parameter has been passed to the current template or has been already created during execution of the current template.
Otherwise returns NO.
- ParagraphFormat : Returns string with converted single newline characters (CR/LF sequences) into spaces and double newline characters into HTML paragraph markers.

Example 6: Report Pages

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>
    <TITLE>AcroBat</TITLE>
</HEAD>
<BODY BGCOLOR= "White">
<B>
<FONT SIZE="+2">All AcroBat Acronyms:</FONT></B>
<P>

<CFQUERY NAME="qGetList" DATASOURCE="AcroBat">
SELECT
    Acronym,
    Acronym.AcronymID,
    Definition,
    Info
FROM
    Acronym
ORDER BY Acronym
</CFQUERY>

<CFINCLUDE TEMPLATE="ReportDisplay.cfm">

</BODY>
</HTML>
```

One standard Report
Display file included in
each Report

Report Pages, con't

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<HTML>
<HEAD>
    <TITLE>Report Display</TITLE>
</HEAD>
<BODY>

<TABLE CELLSPACING=2 CELLPADDING=4 WIDTH=550>
<TR>
    <TH ALIGN="LEFT" BGCOLOR="Silver">Acronym</TH>
    <TH BGCOLOR="Silver">Definition:</TH></TR>
<TR>
    <TH COLSPAN="2" ALIGN="LEFT" BGCOLOR="Silver"> For
        more information:</TH></TR>
<CFOUTPUT QUERY = "qGetList">
<TR>
    <TD COLSPAN=3><HR></TD></TR>
<TR>
    <TD> #Acronym# </TD>
    <TD> #Definition# </TD></TR>
<TR>
    <TD COLSPAN=2> #Info# </TD></TR>

</CFOUTPUT>
</TABLE>
</BODY>
</HTML>
```

Standard
Report
Display