



## LABTrack Tech Note 09-016

### Embedded Object Control Settings

Applicable to all editions of LABTrack.

The EmbeddedObjectControl table contains several columns that control how files are displayed on a notebook page when using the Embed button in LABTrack. Your DBA may change these settings as needed using SQL or PL/SQL commands.

A row should be added for each file type that is to be either displayed in an HTML IFrame on the notebook page, or for which your browsers 'know' how to natively display (e.g. JPG, GIF etc.). Rows should not be added for file types that are not natively displayed by the browsers used. File types not found in the EmbeddedObjectControl table can still be embedded but they will not be rendered on the notebook page and will be assigned the default icon defined in the DBSetup table (UnrenderedMapImageURL).

These settings are described below:

**FileExtension** – Extension of file being embedded. Note later versions of Microsoft Office products use different extensions. Word 2003 for example creates .DOC files; while Word 2007 creates .DOCX files.

**ImageURL** – Icon image to be used in the Table of Contents for the embedded file. Several common icons are provided with the LABTrack software and are stored in the Images folder under the LABTrack site folder.

**Description** – a user entered description for the EmbeddedObjectControl row.

**DefaultEmbeddedFileWidth** – The default setting for width in pixels. The user may override this setting during and after the embed process.

**DefaultEmbeddedFileHeight** – The default setting for height in pixels. The user may override this setting during and after the embed process.

**ForceUseofIFrame** - Set to either Y or N. If set to Y then an HTML IFrame tag will be added to the notebook page for the embedded file. The source setting for the IFrame object will be set to the embedded file stored in the NotebookImages folder the appropriate notebook page and version.

**Note:** IFrames should only be used for file types that are supported by Internet Explorer. Firefox and Safari and other non-IE browsers do not generally support IFrames for Microsoft Office file types.

#### Modifying the EmbeddedObjectControl Table

The rows of the EmbeddedObjectControl table may be modified in several ways including:

1. Using the SQL Server Management Studio – simply open the LABTrack database, right click on the EmbeddedObjectControl table and select Open Table. Then edit the values or add the row desired in the right hand pane.
2. Using a SQL or PL/SQL Update Statement – for SQL Server database from SQL Server Management Studio, select the LABTrack database, click on the New Query button and enter the SQL APPEND statement desired. For example:

```
INSERT INTO EmbeddedObjectControl ('FileExtension', 'ImageURL', 'Description',  
'DefaultEmbeddedFileWidth', 'DefaultEmbeddedFileHeight', 'ForceUseofIFrame') VALUES ('.XLS', 'Excel  
2003', 'Images/icon_excel.gif', '400', '400', 'Y')
```

The same SQL shown above can be run against Oracle databases using SQLPLUS.