Two Way Linking of
HTML and Acrobat PDF files

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We have long had a **somewhat ancient demo** in our **Acrobat .PDF library** of **two-way linking of Acrobat .PDF files and HTML files**. As might be needed for interactive web sites that use both file formats…

> **Run the Demo**

In light of some recently corrected obscure **Adobe** glitches and bugs, I thought we might update this linking process into our **GuruGram** format.

On the .HTML side…

A link to any internal point on a .HTML page is called an **anchor** Anchors may be manually or programmatically entered into a .HTML page with code similar to…

```
<a name="anchor_name"></a>
```

That anchor and its marked position can then be accessed by any url from any source as…

```
http://www.site_name.com/page_name#anchor_name
```

The rule is that anything following the "#" goes to an **internal** position on the page. A detailed example of web page **deep linking** using anchors **appears here**.

Two useful HTML programming books appear **here** and **here**. Typical .HTML automated programming utilities include **DreamWeaver** and **GoLive**.

On the .PDF side...

Your two essential starting points to using and understanding Acrobat internals are the **PDF Reference Manual** and the **PDFMark Reference Manual**. Both of these are available as free downloads.

A link to any internal point on a .PDF page is called an **named destination** Named Destinations may be manually or programmatically entered into a .PDF page with code similar to...

[/Dest /Yourdestnamehere /DEST pdfmark

That named destination and its marked position can then be accessed by any url from any source as...

http://www.yoursite/yourdirectory/yourPDFfile#yourdest

Such a link will take you to the **top** of the particular Acrobat .PDF page you are after. There are several possible refinements. By adding an optional **/View** key, you can set the in-page position and magnification. Following the details in the **PDFMark Reference Manual**.

To manually add named destinations in an existing .PDF file, use the full version of Acrobat. Position yourself where you want your new destination. Then go to **View** > **Navigation Tabs** > **Destinations**. Then **Options** and **New Destination**.

There are also **predefined** named destinations of **/Page1**, **/Page2**, and so on. Note that the first page is page one, not page zero. And that any later editing could move content to a different page.

A bizarre bug in Acrobat 7 sometimes would return you to a previous named destination rather than your intended one in a document. This has apparently been fixed with Acrobat 8 and newer reader versions.

For More Help

Similar tutorials and additional support materials are found on our **Acrobat**, our **PostScript** and our **GurGram** library pages. As always, **Custom Consulting** is available on a cash and carry or contract basis. As are seminars.

For details, you can email **don@tinaja.com**. Or call **(928) 428-4073**.