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Programming This forum is for all programming questions. The question does not have to be directly related to Linux and any language is fair game.								
Notices Welcome to LinuxQuestions.org , a friendly and active Linux Community. You are currently viewing LQ as a guest. By joining our community you will have the ability to post topics, receive our newsletter, use the advanced search, subscribe to threads and access many other special features. Registration is quick, simple and absolutely free. Join our community today! Note that registered members see fewer ads, and ContentLink is completely disabled once you log in. Are you new to LinuxQuestions.org? Visit the following links: Site Howto Site FAQ Sitemap Register Now If you have any problems with the registration process or your account login, please contact us . If you need to reset your password, click here . Having a problem logging in? Please visit this page to clear all LQ-related cookies. <i>Introduction to Linux - A Hands on Guide</i> This guide was created as an overview of the Linux Operating System, geared toward new users as an exploration tour and getting started guide, with exercises at the end of each chapter. For more advanced trainees it can be a desktop reference, and a collection of the base knowledge needed to proceed with system and network administration. This book contains many real life examples derived from the author's experience								



as a Linux system and network administrator, trainer and consultant. They hope these examples will help you to get a better understanding of the Linux system and that you feel encouraged to try out things on your own.

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08-04-2007, 09:35 AM

#1

Tischbein

Member

Registered: Oct 2006
Distribution: debian
Posts: 124

Rep:

postscript hyperlinks

Dear All,

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Has anyone here ever made hyperlinks in postscript? Can you recommend a text or tutorial on it?

I draw quite a few diagrams (mathematical constructs mostly) in postscript and I like it so, whilst not ruling other languages out completely I'm quite keen to stick with postscript as a language. I'ts compact (so I spend little time typing) and readable providing that it's well commented.

I'd like to link areas in some diagrams to other pages, and sometimes to other points in the same diagram. I imagine that there is a command rather like stroke or fill that takes such an area and links it to an url.

This is what I've looked at so far:

- I've read on various web discussions that postscript doesn't support hyperlinks natively, but that there are dictionaries that can be imported that do the trick.

- The program html2ps generates postscript with hyperlinks. The way I've tested it is by calling:
html2ps simple.html > simple.ps
Then, because I don't have a postscript viewer on this box (and am too lazy to spend five minutes installing one)

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ps2pdf simple.ps

Then look at the simple.pdf with a pdf viewer, and hey presto the links work!

- I've looked inside some output files of html2ps Even for a very simple 3 line html file this is 600 lines long. I've started reverse engineering it, however it'll take me some time and will be quite painful.

- I've heard of pdftmark in the context of postscript hyperlinks. The word appears in the html2ps output which kinda confirms this rumour. I've looked up pdftmark on the web but haven't found any nice short postscript examples of how to use it.

Any help would be greatly appreciated.

Regards, Tischbein

08-04-
2007, 06:17
PM

2

Tischbein Solved. I just needed to read the Adobe pdftmark documentation and type a little more accurately.

Member

Registered:
Oct 2006
Distribution:
debian
Posts: 124

**Original
Poster**

Rep: 

http://partners.adobe.com/public/developer/en/acrobat/sdk/pdf/pdf_creation_apis_and_specs/pdftmarkReference.pdf

Here's a toy:

```
%!PS-Aobe-3.0
```

```
%%
```

```
% If pdftmark is defined, use it (for hyperlinks & other pdf-not-postscript features)
```

```
% otherwise give pdftmark a null definition so that we don't get any errors.
```

```
/pdftmark where {pop} {userdict /pdftmark /cleartomark load put} ifelse
```

```
%
```

```
%%
```

```
%%
```

```
% Document metadata
```

```
[ /Author (A clutch of disembodied fingers)
```

```
/Title (Aspects)
```

```
/DOCINFO pdftmark
```

```
%
```

```
%%
```

%%
% A real drawing - an HSBC mark

newpath

100 100 moveto
100 100 rlineto
-100 0 rlineto
100 -100 rlineto
closepath fill

%
%%

%%
% A real hyperlink

[/Rect [100 100 200 200]
/Border [16 16 1]
/Color [0 0 1]
/Action << /Subtype /URI /URI (<http://www.google.com>) >>
/Subtype /Link
/ANN pdfmark

showpage

%
%%

%%
% A link to another point in this document

% First an icon
newpath
300 600 50 0 360 arc
fill

% then a link
[/Rect [250 550 350 650]
/Border [16 16 1]
/Page 1
/View [/XYZ 50 250 null]
/Subtype /Link
/ANN pdfmark

showpage

%

%%

Last edited by Tischbein; 08-04-2007 at 06:18 PM.

 07-10-2011, 09:50 AM

#3

naarkhoo

LQ Newbie

Registered: Mar 2011

Posts: 6

Rep: 

I am trying to rotate the object and its hyperlink boundary in consequent. I use a command like *rotate 10* but it only works on the object, not its boundary. I am wondering how can I rotate the object and its boundary together.

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[postscript](#), [programming](#)

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