Subject: Re: using octal codes for special characters
Posted by davidf on Wed, 16 Dec 1998 08:00:00 GMT

Lothar Schueller (lothar@amor.met.fu-berlin.de) writes:

> I`d like to print large brackets in a PostScript file. I think the best
> idea is to use the Symbol Font and the "bracketlefttp",
> "bracketleftex",.... characters. How do I have access to them under IDL?
> Is it possible to use the octal encoding?
>
> I dont know what to type on the keyboard. I use IDL 5.1 under SuSE Linux
> 5.3

I'd like to help you out here, Lother. I *love* octal programming
and my very favorite newsgroup discussion of 1998 involved the
octal coding of the angstrom symbol. :-)

But I'm having some trouble discovering just what brackets you
want to use here. Where did you come up with the name "bracketlefttp"?

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Progamming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: using octal codes for special characters
Posted by davidf on Thu, 17 Dec 1998 08:00:00 GMT

Lothar (lothar@amor.met.fu-berlin.de) writes:

> The "bracketlefttp" is an expression I found in a PostScript-Reference
> book. It is the upper part of the "[" character, which can be combined
> with its counterpart "bracketleftbt" to a larger bracket. I want to use
> it for an axis label with a fractional expression. The octal code for
> the bracketlefttp is 351.

Ah, yes.

Since you know its octal code, the way you use it is like this:

First, go into the PostScript device and select your font and
IsoLatin encoding:

```
Set_Plot, 'PS'
Device, /IsoLatin1
```

To use this bracket in a string, you would type something like
this. Note that !9 is the default coding for the Symbol font
in PostScript, although you may have changed it. Note the
double quote in front of the octal number and the "B" to
force it to be a byte value. The !X reverts to whatever
font was in place before I switched to Symbol. Notice
that I *must* use hardware fonts. If I don't, I get the
integral sign instead of the bracket you are looking for.

```
XYOutS, 0.5, 0.5, Align=0.5, /Normal, Size=3, $
   '!9' + String("351B) + '!X more text', Font=0
```

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438 E-Mail: davidf@dfanning.com
Coyote's Guide to IDL Progamming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: using octal codes for special characters
Posted by Lothar Schueller on Thu, 17 Dec 1998 08:00:00 GMT
View Forum Message <> Reply to Message

David,

The "bracketlefttp" is an expression I found in a PostScript-Reference
book. It is the upper part of the "[" character, which can be combined
with its counterpart "bracketleftbt" to a larger bracket. I want to use
it for an axis label with a fractional expression. The octal code for
the bracketlefttp is 351.

Thanks

Lothar

David Fanning wrote:

>
> Lothar Schueller (lothar@amor.met.fu-berlin.de) writes:
>
>> I`d like to print large brackets in a PostScript file. I think the best
>> idea is to use the Symbol Font and the "bracketlefttp",
>> "bracketleftex",.... characters. How do I have access to them under IDL?
>> Is it possible to use the octal encoding?
>>
>> I dont know what to type on the keyboard. I use IDL 5.1 under SuSE Linux
>> 5.3
>
> I'd like to help you out here, Lother. I *love* octal programming
> and my very favorite newsgroup discussion of 1998 involved the
> octal coding of the angstrom symbol. :-)
>
> But I'm having some trouble discovering just what brackets you
> want to use here. Where did you come up with the name "bracketlefttp"?
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting
> Phone: 970-221-0438 E-Mail: davidf@dfanning.com
> Coyote's Guide to IDL Progamming: http://www.dfanning.com/
> Toll-Free IDL Book Orders: 1-888-461-0155

--

_____ _____

Lothar Schueller

Institut fuer Weltraumwissenschaften
Freie Universitaet Berlin
Fabeckstr. 69
14195 Berlin

Tel.: +49 30 838 2375
Fax.: +49 30 832 8648
e-mail: lothar@amor.met.fu-berlin.de
http://userpage.fu-berlin.de/~lothars
 -- -----------