Subject: Chinese characters?
Posted by Kristine Hensel on Tue, 19 Feb 2002 02:18:49 GMT
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Hi,

I need to be able to display Chinese characters. Does anyone have any experience with or suggestions about how to incorporate Chinese or other international character sets into IDL?

Hopelessly unifortual, Kristine

--

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Hawthorn East, VIC, Australia 3124

Subject: Re: Chinese characters?
Posted by Dick Jackson on Wed, 20 Feb 2002 18:57:54 GMT
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"Kristine Hensel" < kristine@esands.com> wrote in message news:3C71B609.610F7E8F@esands.com...

> Hi.

>

- > I need to be able to display Chinese characters. Does anyone have any
- > experience with or suggestions about how to incorporate Chinese or other
- > international character sets into IDL?

>

- > Hopelessly unifontual,
- > Kristine

Hi,

I have a great curiosity about this (for more, see http://www.d-jackson.com/family), so I gave it a little try. If you have a Chinese TrueType font installed, this may work. I hope it works even better for you than for me.

=====

if !d.window eq -1 then window !p.font=1 device,/tt_font,set_font='MS Song'; Must be an installed Chinese TrueType font erase

xyouts,/norm,0,.5,charsize=4,'!Z(4E00,4E02,4E10)'; These work fine for me ;xyouts,/norm,0,.5,charsize=4,'!Z(5510,601D,541B)'; These fail on my system

end

=====

As it is here, this puts up a plot window and draws three very nice characters whose meanings I don't know. :-) I don't know why many or most characters I tried fail, but they cause an immediate crash of IDL. In other Unicode applications I can see the other characters perfectly, so my font is OK. For details on Unicode values for Chinese characters see this large PDF: http://www.unicode.org/charts/PDF/U4E00.pdf

For RSI tech support, here's my system info:

IDL> print,!version { x86 Win32 Windows Microsoft Windows 5.5 Aug 28 2001 32 64}

Kristine, I hope this helps you. RSI, I hope you can help me! :-)

Cheers,

--

-Dick

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Subject: Re: Chinese characters?
Posted by Dick Jackson on Wed, 20 Feb 2002 19:01:57 GMT
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Hi again,

Sorry the word-wrap got me on line 3... this is more like it:

=====

if !d.window eq -1 then window !p.font=1

device,/tt_font,set_font='MS Song'; Must be installed Chinese TrueType font erase

xyouts,/norm,0,.5,charsize=4,'!Z(4E00,4E02,4E10)'; These work fine for me ;xyouts,/norm,0,.5,charsize=4,'!Z(5510,601D,541B)'; These fail on my system

```
end
=====
Cheers.
-Dick
Dick Jackson
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Calgary, Alberta, Canada
Subject: Re: Chinese characters?
Posted by Dick Jackson on Wed, 20 Feb 2002 19:29:17 GMT
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OK, one more correction, this one is good.
I just discovered that the font 'Arial Unicode MS' should work if you are on
a PC with Office 2000 (or presumably later versions)! And this makes it work
with the other characters that failed for me before. So maybe it was a
problem with my other font, after all.
if !d.window eq -1 then window
```