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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 unifontual,  
Kristine

--

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20 Council St., Level 3 fax: +61-(0)3-9835-7900  
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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](mailto: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

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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
!p.font=1
device,/tt_font,set_font='Arial Unicode MS' ; A Chinese TrueType font
erase
xyouts,/norm,0,.5,charsize=4,'!Z(4E00,4E02,4E10)'
xyouts,/norm,0,.4,charsize=4,'!Z(5510,601D,541B)'
```

end

=====

Cheers,

--

-Dick

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