
Subject: Re: file_search problem

Posted by [Heinz Stege](#) on Wed, 25 Nov 2015 17:05:56 GMT

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On Wed, 25 Nov 2015 07:58:07 -0800 (PST), fawltlanguage@gmail.com wrote:

> On Wednesday, November 25, 2015 at 4:45:37 PM UTC+1, Jim P wrote:

>>

>> A substantial amount of work was put into I18N a few releases ago, but it looks like this is a special case.

>>

>> Interesting...

>>

>> IDL> print, byte('î')

>> 238

>> IDL> print, string(238b)

>> î

>>

>> ...however,

>>

>> IDL> print, byte('a')

>> 97

>> IDL> print, string(97b)

>> a

>>

>> Jim P.

>

> I think the first one is in extended ASCII (0-255) and the second one is a true Unicode character.

Let me add, that this conversion seems to take place during string input. No conversion happens, if the string "is really UTF-8":

```
IDL> a=['C3'xb,'AE'xb]
```

```
IDL> print,a
```

```
195 174
```

```
IDL> print,string(a)
```

```
î
```

```
IDL> print,byte(string(a))
```

```
195 174
```

```
IDL> b=['C4'xb,'83'xb]
```

```
IDL> print,string(b)
```

```
a
```

```
IDL> print,byte(string(b))
```

```
196 131
```

I hope, my news agent will choose the correct charset (UTF-8)! I'm not sure.

Cheers, Heinz
