Article

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# ÍàØâàÞæØâë and you

If you work with anything other than English, you would earlier or later encounter the characters from the title or just plain ??????????.

Encodings are usually known, but sometimes you just get gibberish and need to make sense of it.

In this cases [$zcvt](#) is your friend, the three argument form specifically.

But there are a lot of options. So here's an utility script to check how the text would look like in different encodings:

```
Zn "%SYS"
Set Text = "ÍàØâàÞæØâë"
Set Ref = ##class(Config.NLS.Locales).OpenCurrent(.Sc)
Write "Locale name: ",Ref.Name, !
Do Ref.GetTables(.Tables)
Set Key = ""
For { Set Key = $O(Tables("XLT", Key)) Quit:Key=""  Write Key," ",$zcvt(Text, "I", Key),!}
```

And here's a sample output:

```
CP1250  ÍŕŘâŕŢćŘâë
CP1251  НаШваЮжШвл
CP1252  ÍàØâàÞæØâë
CP1253  ΝῦΨβῦή ΖΨβλ
CPつ১"т?אı"א◌1255
CP866   =р╪тр ▌ц╪ты
CP874   ๑ιọໄເ?ηọໄċ
EBCDIC  ò\QS\úWQSÔ
KOI8R   мЮьБЮчФьБК
Latin2  ÍŕŘâŕŢćŘâë
Latin9  ÍàØâàÞæØâë
LatinC  Эритроциты
LatinG  ΝῦΨβῦή ΖΨβλ
LatinH  ÍאؘØא١Þ؟Øつı
LatinT  ๑ιọໄເ?ηọໄċ
Unicode □□□□□
```

As you can see the correct encoding in this case is `LatinC`.

#Beginner #InterSystems IRIS

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