
Subject: CJK (chinese / japanese / korean) improvements

Posted by [mirek](#) on Tue, 29 Aug 2006 10:10:50 GMT

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Fruitfull discussion with hongdong led to these improvements:

* U++ is now able to read multibyte (CJK) encoded filesystem (e.g. FileSelector now should correctly display chinese filenames).

* LineEdit (and therefore TheIDE) now displays CJK ideographs in double width

* FontInfo is now optimized not to waste space storing ideograph widths, as ideographs seem to be monospaced (however, it is tested so this optimization is performed only if they really are monospaced).

* New IsCJKIdeograph function returns true if unicode character is cjk ideograph

I am not 100% sure if my range is correct, I have defined it as

```
inline bool IsCJKIdeograph(int c) { return c >= 0x2e80 && c <= 0xdfaf || c >= 0xf900 && c <= 0xfaff; }
```

Anyway, for current practical purposes (LineEdit) it should be OK.

Mirek

P.S.: What about chinese translation?
