
Subject: Re: Japanese IME test code
Posted by [mobilehunter](#) on Mon, 07 Apr 2008 01:10:54 GMT
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Hi Mirek,
Thanks for the reply.

I change the code for displaying the IME window to controls such as RichEdit and EditField, since as my understanding those controls know their font and caret position better. And add a virtual function DisplayIMEWindow() to those controls.

So the implementation inside Win32Proc.cpp:

```
case WM_IME_STARTCOMPOSITION:
{
    Ctrl*f=GetFocusChild();
    if(f)
        f->DisplayIMEWindow();
}
break;
```

And below are the implementation inside EditField control

```
void EditField::DisplayIMEWindow()
{
    HWND hwnd =this->GetParent()->GetHWND();
    POINT pt;
    FontInfo fi = font.Info();

    GetCaretPos(&pt);
    HIMC hIMC = ImmGetContext(hwnd);
    COMPOSITIONFORM cf;

    LOGFONT lf;
    HFONT hfont = fi.GetHFONT();
    GetObject(hfont, sizeof(LOGFONT), &lf);
    ImmSetCompositionFont(hIMC, &lf);

    cf.dwStyle = CFS_POINT;
    cf.ptCurrentPos.x = pt.x;
    cf.ptCurrentPos.y = pt.y;
    ImmSetCompositionWindow(hIMC, &cf);
    ImmReleaseContext(hwnd, hIMC);
}
```

And below inside RichEdit control (kbd.cpp):

```
void RichEdit::DisplayIMEWindow()
{
    HWND hwnd = this->GetParent()->GetHWND();
    POINT pt;
    FontInfo fi = formatinfo.Info();

    GetCaretPos(&pt);
    HIMC hIMC = ImmGetContext(hwnd);
    COMPOSITIONFORM cf;
    LOGFONT lf;

    HFONT hfont = fi.GetHFONT();
    ::GetObject(hfont, sizeof(LOGFONT), &lf);
    ImmSetCompositionFont(hIMC, &lf);

    cf.dwStyle = CFS_POINT;
    cf.ptCurrentPos.x = pt.x;
    cf.ptCurrentPos.y = pt.y;
    ImmSetCompositionWindow(hIMC, &cf);
    ImmReleaseContext(hwnd, hIMC);
}
```

I still have problem with the font size for IME window.

And have problem debugging the codes. The IDE will hang if i press F10 key after a break point.
