Subject: A new function to Web Package Unicode-Escape-Javascript -> Unicode
Posted by sergeynikitin on Wed, 20 Jul 2011 07:28:31 GMT
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I propose to include in the package a new feature WEB Unicode-Escape-Javascript -> Unicode.

For international characters in Javascript is used for special encoding non-Latin characters. Looks like: \ u0410 \ u0422 \ u0417 ....
For converting this encoding to Unicode, I needed a new function. I propose that its AEs in the package a new feature WEB Unicode-Escape-Javascript -> Unicode.

For international characters in Javascript is used for special encoding non-Latin characters. Looks like: \ u0410 \ u0422 \ u0417 ....
For converting this encoding to Unicode, I needed a new function. I have not found it, so I wrote in haste.

Maybe someone else will need.

I also want to note that some of the operations inside the function can be optimized. For example the plural multiplying by 16 can be replaced by bit shift.

```
String Javascript2Unicode(String s) {
 String res ;
 RegExp reg("\\\\u([0-9a-f]{4})",RegExp::MULTILINE);

 reg.Clear();

 int i_start,i_end,i_old=0;
 while (reg.GlobalMatch(s)) {
  reg.GetMatchPos(0,i_start,i_end);
  res << s.Mid(i_old,i_start-i_old-2);
  wchar wc[2] = {0,0};
  WString ws;
  String m = (String)reg[0];
  wc[0] = StrInt(m.Mid(0,1))*16*16*16
    +StrInt(m.Mid(1,1))*16*16
    +StrInt(m.Mid(2,1))*16
    +StrInt(m.Mid(3,1));

  ws = wc;
  String ss = ws.ToString();
  res << ss;
  i_old = i_end;
 }
 return res;
}
```

PS

Maybe there is already something like that? And I wasted 4 hours? Advise me if you know.