Subject: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by mirek on Wed, 20 Jun 2012 06:44:09 GMT

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Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by unodgs on Wed, 20 Jun 2012 14:26:08 GMT

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Good to hear that! if you could add tag highlighting in xml file as well as tag matching (like bracket matching) that would be awesome

BTW: I'm almost done with preview tab (idea stolen from VS 2012) that prevents opening too many tabs during debugging or browsing files.

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by mirek on Wed, 20 Jun 2012 15:54:33 GMT

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unodgs wrote on Wed, 20 June 2012 10:26Good to hear that! if you could add tag highlighting in xml file as well as tag matching (like bracket matching) that would be awesome

Actually, for .xml, I was thinking about integrating XmlView...

I guess html will come in next development cycle - it will need major refactoring of syntax highlighting mechanism (it is now pretty much tied to curly braces languages...).

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by Mindtraveller on Sat, 23 Jun 2012 22:02:04 GMT

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Very good news! Thanks Mirek!

A small proposal: please make true/false hilighted as reserved words in JS (it is a part of JS standard).

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by dolik.rce on Sun, 24 Jun 2012 07:13:57 GMT

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mirek wrote on Wed, 20 June 2012 17:54I guess html will come in next development cycle - it will need major refactoring of syntax highlighting mechanism (it is now pretty much tied to curly braces languages...).

Funny coincidence: Just a few days before you announced the JS highlighting, I thought that it might be fun to reimplement CodeEditor to support user-defined highlighting. I even started working on it in my free time, so here is a little tasting:

The image shows CodeEditor using the highlight definition file specifying highlighting of higlighting definition files to highlight highlight definition file specifying highlighting of higlighting definition files. Pretty meta, right?

It is based on pcre and caching. Basic highlighting works just fine, some of the higher level features (scope highlighting, matching brackets, ...) are not yet implemented and some are using the old CodeEditor code. The goal is to allow loading user specified highlighters, both at compile time (by include) and at run-time. It requires some pcre skill (or copy&paste skill) to write one, but otherwise it is very simple format as you can see above - it takes only 16 lines to describe C++
 This file imitates current CodeEditor:Quote:

```
HL_PATTERN(INK_OPERATOR,
"[\\Q!+-*/\%&|=[]:?<>.~^\\E]")
HL_PATTERN(INK_KEYWORD, " \\b(__(asm|cdecl|declspec|except|fastcall|finally|inline|int
(16|32|64|8)|leave|stdcall|try|uuidof)|auto|bool|break|case|
catch|char|class|const|const_cast|continue|default|delete|dl
l(ex|im)port|do|double|dynamic_cast|else|enum|explicit|exter
n|false|float|for|force_inline|friend|goto|if|inline|int|lon
g|mutable|namespace|new|operator|private|protected|public|re
gister|reinterpret_cast|return|short|signed|sizeof|static|st
atic_cast|struct|switch|template|this|thread|throw|true|try|
typedef|typeid|typename|union|unsigned|using|virtual|void|vo latile|while)\\b ")
HL_PATTERN(INK_UPPER, "\\b[A-Z][A-Z_0-9]*\\b")
HL_PATTERN(INK_UPP, "\\bupp\\b")
HL_PATTERN(INK_MACRO, " ^[[:space:]]*#[[:space:]]*(define|include(_next)?|(un|ifn?)d
ef|endif|el(if|se)|if|warning|error|pragma|using)\\b ")
HL_PATTERN(INK_UPPMACROS, "
\\b(CLASSNAME|(THIS|PTE)BACK([1-4]?)|QUOTE|X?ASSERT|X?NEVER|
X?CHECK|NAMESPACE_UPP|END_UPP_NAMESPACE|NEVER_|ASSERT_)\\b ")
HL_PATTERN(INK_UPPLOGS, "
\\b([DLR]?DUMP(C|CC|CC|HEX|M)?|[DLR]?LOG(F|HEX|BEGIN|END|BLO
CK|HEXDUMP|SRCPOS)?|[DLR]?TIMING|DEBUGCODE|RQUOTE)\\b ")
HL_PATTERN(INK_CONST_INT, "\\b[0-9]+\\b")
HL_PATTERN(INK_CONST_HEX, "\\b0(x|X)[[:xdigit:]]+\\b")
HL_PATTERN(INK_CONST_OCT, "\\b0[0-7]+\\b")
HL_PATTERN(INK_CONST_FLOAT, "\\b[0-9]+\\.[0-9]*\\b")
HL_PATTERN(INK_CONST_STRINGOP, "TODO")
HL_PATTERN(INK_CONST_STRING, "[\"](\\.|[^\"])*[\"]")
HL_PATTERN(INK_COMMENT, "//.*")
HL_PATTERN_ML(INK_COMMENT, "/\\*", "\\*/")
HL_SCOPE("[{]", "[}]")
```

If there is anyone interested in more details we can discuss it in separate thread

Best regards,
Honza

File Attachments

1) CodeEditor.png, downloaded 957 times

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by koldo on Sun, 24 Jun 2012 07:20:13 GMT
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Hello Honza

It is interesting for me. I use a special language and I implemented some very basic syntax highlighting but I would like to use something much better.

Thank you .

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by Didier on Sun, 24 Jun 2012 07:55:35 GMT
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Hi Honza,

Very intersting

Although I don't need it for the moment, it can get handy when using a DSL or wrting a new one.

What is the perfomance on large files ?

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by dolik.rce on Sun, 24 Jun 2012 08:03:04 GMT
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Thanks for interest Koldo & Didier,

I'll respond in a new thread so we don't spam this announcement

Honza

Subject: Re: TheIDE now supports JavaScript syntax highlighting for .js file extension
Posted by mirek on Wed, 27 Jun 2012 06:31:01 GMT
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..in related news, .css is now highlighted as well (well, in fact, not really well, but it is acceptable...