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Thread: [Parse code into object structures.](#)

BorgEntomon - January 24, 2017, 7:13 am

Is there a way to parse code into objects? What type of library would I use for this? I figured a syntax highlighter might be a good start.

Is anyone familiar with a lot of different languages? I'm trying to generalize their definitions into one structural markup language.

g4143 - January 24, 2017, 8:22 am

(Jan 24, 2017 08:13 AM)BorgEntomon Wrote: [\[CITE\]](#) Is there a way to parse code into objects? What type of library would I use for this? I figured a syntax highlighter might be a good start.

Is anyone familiar with a lot of different languages? I'm trying to generalize their definitions into one structural markup language.

I have no idea what this means - parse code into objects.

Do you mean source code? Binary code? Byte code?

BorgEntomon - January 24, 2017, 10:10 am

Source code

For example the text "function Work(param1,param2){line1(); line2(); line3();}" when put into the parser should return an object. Let's say it would return a "functionBlock" type of object. and that object would have a name. the params. potentially the types paired with those params* an array of statements. Mathematical operators would be classified the same as regular functions.

*not all languages demand that the param type be defined. Figuring out how to deal with syntax disagreements will be another issue I'll have to tackle. As well as variable scope management.