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Subject: Re: important note when a strange compilation error occurs

Posted by [Klugier](#) on Sun, 27 Jun 2021 15:49:51 GMT

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Hello,

According to the standard following line is valid code:

```
void getTiposCartao(){};
```

You are opening function scope and add empty instruction. Please noticed that you can place whatever number of semicolons as you want:

```
void getTiposCartao(){;;;;;;;;; // <- valid
```

Why it is so? In C/C++ you are not force to write instruction per line - it is good habbit, but you have flexibility:

```
void getTiposCartao(){int a = 4;++a;int b = a + 10;for(int i = 0; i < 10; ++i){};}; // <- You could process universe in the single function ;)
```

For the readability reason nobody should write code like this... This is not something we could fix within TheIDE. It is how the language is defined.

On the other hand following code:

```
function abc() };
```

is invalid due to parenthesis mismatch.

Klugier

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