
Subject: Re: Progress report

Posted by [Carrierll](#) on Wed, 16 Sep 2009 14:20:14 GMT

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Hitman wrote on Wed, 16 September 2009 11:41 what is a ASM hack?

Computer code can be written in several languages. All of the high level languages, like this:

Var

I, J : integer;

Begin

I := 2;

J := 3;

Writeln(IntToStr(I * J));

End.

This is fairly easy to understand (It displays I * J, which is 2 * 3 = 6)

A PC can't directly understand that, so it must be translated into machine code, which would look more like this:

```
MOV EAX 2
```

```
MOV ECX 3
```

```
MUL ECX // With EAX)
```

As you can see, ASM, which is the second example, is nastier to read/write, and less compatible, by using proper high level code, the program is nicer to write, which results in a better final product. ASM hacks are also annoyingly hard to debug.
