

Ethereum Virtual Machine (EVM) Bytecode

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Ethereum Virtual Machine (EVM) Bytecode is a low-level programming language that is compiled from a high-level programming language such as solidity. EVM is a [Virtual Machine \(VM\)](#) that places between [Operating System \(OS\)](#) and OSI [Application Layer](#) to mitigate OS dependency. Thankfully to EVM, Ethereum smart contract can be run on almost any computer. If you are a [Java](#) developer, you can think of [Java Virtual Machine \(JVM\)](#) as the same mechanism. EVM [Bytecode](#) looks like the code below. It is not human-readable but readable for the machine.

Example of a EVM ByteCode

```
6080604052348015600f57600080fd5b5060878061001e6000396000f3fe608060405234801560
0f57600080fd5b506004361060285760003560e01c8063037a417c14602d575b600080fd5b6033
6049565b6040518082815260200191505060405180910390f35b6000600190509056fea265627a
7a7230582050d33093e20eb388eec760ca84ba30ec42dadbddeb8edf5cd8b261e89b8d427926473
6f6c634300050a0032
```

Source: <https://medium.com/@eiki1212/explaining-ethereum-contract-abi-evm-bytecode-6afa6e917c3b>

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