

EIP 20: ERC-20 Token Standard

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Note: The following is an excerpt from the official Ethereum site. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

Overview

It is the most common and well-known standard within all crypto community. 99% (if not all) issued [Initial Coin Offering \(ICO\) tokens](#) on top of the Ethereum implements this standard. The [key](#) benefit we get here is that any [application](#) or other smart contracts can interact with a token in a standard manner without a need of knowing other details about the token. Therefore, we have a very pleasant way to create any ICO token and have a standard way to interact with all of them like they are all the same. For instance, crypto [wallet](#) developers can avoid custom development and integrations to add new tokens. All they need to know is the Ethereum Token address that implements the standard.

Source:

<https://hackernoon.com/5-erc-standards-every-ethereum-developer-should-know-about-clear79d3483e>

Table 1: Data sheet for ERC-20 Token Standard

Title	ERC-20 Token Standard
Author	Fabian Vogelsteller, Vitalik Buterin
Status	Final
Created	2015-11-19
Description	http://eips.ethereum.org/EIPS/eip-20
Specification	http://eips.ethereum.org/EIPS/eip-20#specification
Category	ERC

Abstract

The following standard allows for the implementation of a standard [API](#) for tokens within smart contracts. This standard provides basic functionality to transfer tokens, as well as allow tokens to be approved so they can be spent by another on-chain third party.

From:
<https://www.omgwiki.org/dido/> - **DIDO Wiki**

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