

EIP 190: Ethereum Smart Contract Packaging Standard

[Return to Ethereum ERCs](#)

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.

Table 1: Data sheet for Ethereum Smart Contract Packaging Standard

Title	Ethereum Smart Contract Packaging Standard
Author	Piper Merriam, Tim Coulter, Denis Erfurt, RJ Catalano, Iuri Matias
Status	Final
Created	2017-01-10
Description	http://eips.ethereum.org/EIPS/eip-190
Specification	http://eips.ethereum.org/EIPS/eip-190#Specification
Category	ERC

Abstract

This ERC proposes a specification for Ethereum smart contract packages.

The specification was collaboratively developed by the following Ethereum development framework maintainers.

- *Tim Coulter (Truffle)*
- *Denis Erfurt (Dapple)*
- *Piper Merriam (Populus)*
- *RJ Catalano (Eris PM)*
- *Iuri Matias (Embark)*

Motivation

Packaging is a core piece of modern software development which is missing from the Ethereum ecosystem. The lack of packaging limits the ability for developers to reuse code which negatively affects productivity and [security](#).

A key example of this is the [ERC20](#) standard. There are a few well audited reusable token contracts available but most developers end up writing their own because of the difficulty in finding and reusing existing code.

A packaging standard should have the following positive effects on the ecosystem:

- *Greater overall productivity caused by the ability to reuse existing code.*
- *Increased security caused by the ability to reuse existing well audited implementations of common patterns (ERC20, crowdfunding, etc).*

Smart contract packaging should also have a direct positive effect on the end user. Wallet software will be able to consume a released package and generate an interface for interacting with any deployed contracts included within that package. With the advent of ENS all of the pieces will be in place for a wallet to take a human readable name and present the user with an interface for interacting with the underlying [application](#).

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

Permanent link:
https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.b_stds:default:ethereum:eip:erc_0190&rev=1627324417

Last update: **2021/07/26 14:33**

