

# The first smart-contract in Dothraki language

A revolutionnary feature invented by  
Vivien Berriche for the cryptocurrency PoissonCoin

31/02/2019

<http://poissoncoin.qsdf.org>

## **Smart contract**

A **smart contract** is a computer protocol intended to digitally facilitate, verify, or enforce the negotiation or performance of a [contract](#). Smart contracts allow the performance of credible transactions without third parties. These transactions are trackable and irreversible.

Proponents of smart contracts claim that many kinds of contractual clauses may be made partially or fully self-executing, self-enforcing, or both. The aim of smart contracts is to provide security that is superior to traditional contract law and to reduce other [transaction costs](#) associated with contracting. Various [cryptocurrencies](#) have implemented types of smart contracts.

## **The Dothraki language**

The **Dothraki language** is a [constructed fictional language](#) in [George R. R. Martin's](#) fantasy novel series [A Song of Ice and Fire](#) and its television adaptation [Game of Thrones](#). It is spoken by the Dothraki, a nomadic people in the [series's fictional world](#). The language was developed for the TV series by the linguist [David J. Peterson](#),<sup>[1]</sup> working off the Dothraki words and phrases in Martin's novels.

As of September 2011, the language comprised 3163 words, not all of which have been made public. In 2012, 146 newborn girls in the United States were named "Khaleesi", the Dothraki term for the wife of a *khal* or ruler, and the title adopted in the series by [Daenerys Targaryen](#). Dothraki and [Valyrian](#) have been described as "the most convincing fictional tongues since [Elvish](#)".

*Source : wikipedia*

Dothraki (PoissonCoin)	Solidity (Ethereum)
<pre> assokh OddjobPayContract {   gache rhaesh deployer;    gache rhaesh client;   gache rhaesh tasker;    uint256 rhaesh payAmount;    marilat (address _client, address _client) rhaesh {     deployer = nesikh.azhat;      client = _client;     tasker = _tasker;      payAmount = 0;   }    vilajerosh () rhaesh hoshor {     require(client == nesikh.azhat);     payAmount += nesikh.nemo;   }    vilajerosh sendPayAmountToTasker() rhaesh {     require(deployer == nesikh.azhat);      // transfer pay amount to tasker     tasker.eyelat(payAmount);      // nullify pay amount manually     payAmount = 0;   } } </pre>	<pre> contract OddjobPayContract {   address public deployer;    address public client;   address public tasker;    uint256 public payAmount;    constructor (address _client, address _client) public {     deployer = msg.sender;      client = _client;     tasker = _tasker;      payAmount = 0;   }    function () public payable {     require(client == msg.sender);     payAmount += msg.value;   }    function sendPayAmountToTasker() public {     require(deployer == msg.sender);      // transfer pay amount to tasker     tasker.transfer(payAmount);      // nullify pay amount manually     payAmount = 0;   } } </pre>

**Source :** « Smart contracts in Dothraki for the dummies » - Eyrolles, 2019

acchakat : to silence

affazolat : replace

affin : when

arrekaan : until

ase : word, command

asshilat : introduce

assokh : message, instruction

athessazar : return

azhat : to give

elzikh : response

eyelat : to move something

gache : place

garfoth : root

hakelat : to name something

hale : hey!

hash : if...then, when...then

hoshor : golden

jalan : moon

jesholat : freeze

lasikh : update

ma : and

marilat : construct

nemo : *reflexive particle*

nesikh : information

qaf : question

qafat : to ask

rhaesh : land

rhaesheser : world

seris : free

tat : to do

vilajerosh : game

zhorre : own