

## ToDoList

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With this smart contract you can create ToDo-Tasks and can also complete and show a task. There is no max number of tasks can be created.

The contract is deployed on the Sepolia test network and is accessible under the following **address**: 0x3E4dB1Eb03B49FdF8AA4E9B7D549C1Fb8e8bB8F1

Contract 0x3E4dB1Eb03B49FdF8AA4E9B7D549C1Fb8e8bB8F1

Contract Overview

Balance: 0 Ether

More Info

My Name Tag: Not Available

Contract Creator: [0xa8214e031501594950...](#) at txn [0x45038886b7add38e64...](#)

Transactions

Erc20 Token Txns

Contract

Events

Latest 4 from a total of 4 transactions

Txn Hash	Method	Block	Age	From	To	Value	Txn Fee
<a href="#">0x816649e54e8dedd11e...</a>	<a href="#">Toggle Completed</a>	<a href="#">2486933</a>	33 secs ago	<a href="#">0xa8214e031501594950...</a>	<a href="#">IN</a> <a href="#">0x3e4db1eb03b49df8aa...</a>	0 Ether	0.00051687
<a href="#">0xb2b497ca1bc6d32125...</a>	<a href="#">Create Task</a>	<a href="#">2486928</a>	1 min ago	<a href="#">0xa8214e031501594950...</a>	<a href="#">IN</a> <a href="#">0x3e4db1eb03b49df8aa...</a>	0 Ether	0.00085105
<a href="#">0x9b68322e96b955c591...</a>	<a href="#">Create Task</a>	<a href="#">2486884</a>	11 mins ago	<a href="#">0xa8214e031501594950...</a>	<a href="#">IN</a> <a href="#">0x3e4db1eb03b49df8aa...</a>	0 Ether	0.00085105
<a href="#">0x45038886b7add38e64...</a>	<a href="#">0x60806040</a>	<a href="#">2486872</a>	13 mins ago	<a href="#">0xa8214e031501594950...</a>	<a href="#">IN</a> Contract Creation	0 Ether	0.01016047

## Getting Started

To test this contract, download the files and change the config-dummy.json to include your infura api key and mnemonic seed for you metamask wallet. After that rename the file config-dummy.json to config.json.

Then connect to the sepolia network with the truffle cli using  
*truffle console --network sepolia*

After connecting to the network fetch the deployed instance of the smart contract with  
*let instance = await ToDoList.deployed()*

## Create Task

To create a task the function *createTask()* has to be used.

## Complete Task

To complete a task the function *toggleCompleted(uint \_id)* has to be used.

## Show Task

A Task can be displayed with the function *showTask(uint index)*.