

# Interacting with the fToken Accumulator

This guide will show you how to exchange Flash tokens for fTokens (captured protocol fees)

The guide is split into two steps:

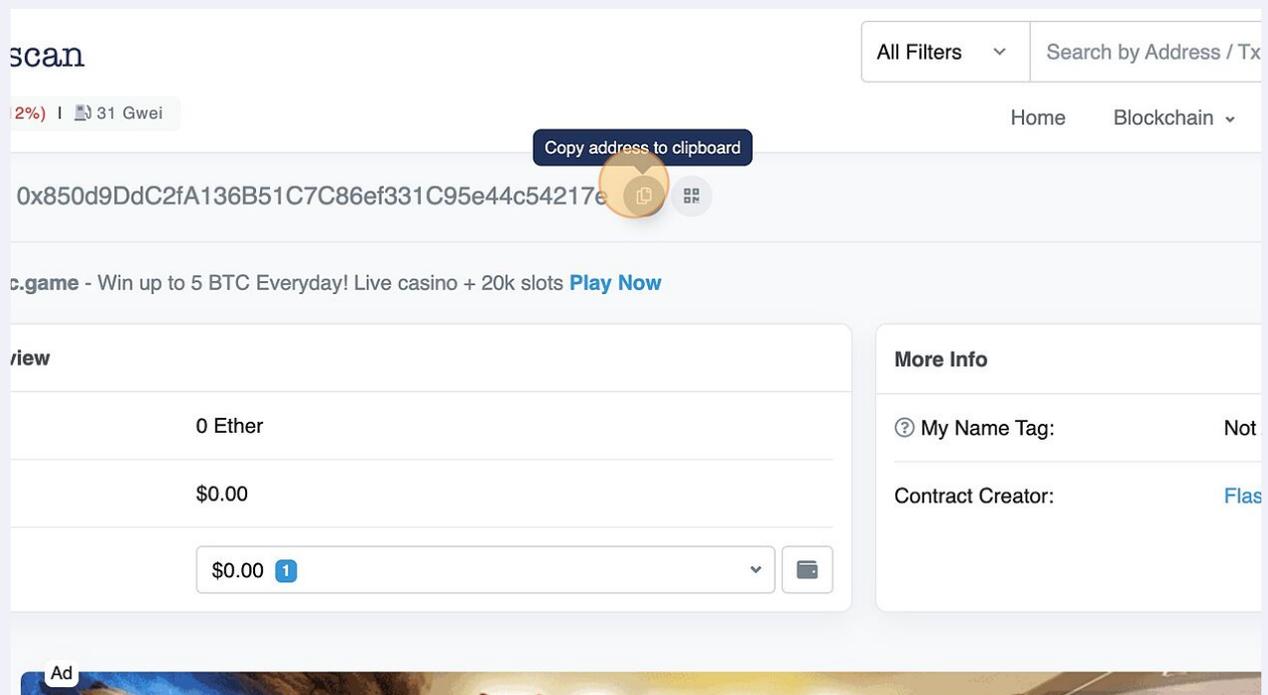
1. The approval on Flash token for spending against the fToken Accumulator
2. Accumulating fTokens

1

Navigate to the fToken Accumulator contract via etherscan [etherscan.io/address/0x850d9ddc2fa136b51c7c86ef...](https://etherscan.io/address/0x850d9ddc2fa136b51c7c86ef...)

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Copy the fToken Accumulator contract address to your clipboard



The screenshot shows the Etherscan interface for the fToken Accumulator contract. At the top, there is a search bar with the text 'scan' and a search button. Below the search bar, there are filters for 'All Filters' and 'Search by Address / Tx'. The main content area displays the contract address: `0x850d9DdC2fA136B51C7C86ef331C95e44c54217e`. A blue button labeled 'Copy address to clipboard' is overlaid on the address. Below the address, there is an advertisement for 'c.game' with the text 'Win up to 5 BTC Everyday! Live casino + 20k slots Play Now'. The bottom section of the interface shows a 'view' section with a balance of '0 Ether' and '\$0.00', and a 'More Info' section with fields for 'My Name Tag' (Not) and 'Contract Creator' (Flas).

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Head over to the Flash token contract via etherscan [etherscan.io/token/0xB1f1F47061A7Be15C69f378CB3...](https://etherscan.io/token/0xB1f1F47061A7Be15C69f378CB3...)

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Click "Connect to Web3" and connect your wallet

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Transfers Holders Info DEX Trades **Contract** Analytics Comments

Code Read Contract Write Contract

[Connect to Web3](#)

ⓘ Descriptions included below are taken from the contract source code [NatSpec](#). Etherscan does not provide any guarant

1. approve (0x095ea7b3)
2. burn (0x42966c68)
3. burnFrom (0x79cc6790)

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Once connected, click "1. approve (0x095ea7b3)"

The screenshot shows the Etherscan interface for a contract. At the top, there are tabs for Transfers, Holders, Info, DEX Trades, Contract (selected), Analytics, and Comments. Below the tabs are buttons for Code, Read Contract, and Write Contract. A blue notification bar indicates the user is connected via Web3 with the address [0x4B9f....491F]. A grey informational bar states: "Descriptions included below are taken from the contract source code NatSpec. Etherscan does not provide any guarant". Below this is a list of five contract functions:

- 1. approve (0x095ea7b3)
- 2. burn (0x42966c68)
- 3. burnFrom (0x79cc6790)
- 4. decreaseAllowance (0xa457c2d7)
- 5. increaseAllowance (0x39509351)

An orange circle highlights the first function, "1. approve (0x095ea7b3)".

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Set the spender to the copied fToken Accumulator contract address, enter the amount of Flash tokens you want to approve, click "Write" and execute the transaction on your wallet

0x850d9DdC2fA136B51C7C86ef331C95e44c54217e  
200000000000000000000000 (20K Flash)

Note: If you do not want to approve again, set this number higher, for example 1000000000000000000000000 (1M Flash)

1. approve (0x095ea7b3)

See {IERC20-approve}. NOTE: If `amount` is the maximum `uint256`, the allowance is not updated on `transferFrom`. This is :  
spender (address)  
0x850d9DdC2fA136B51C7C86ef331C95e44c54217e  
amount (uint256) +  
1000000000000000000000000  
Write

2. burn (0x42966c68)

3. burnFrom (0x79cc6790)

4. decreaseAllowance (0xa457c2d7)

5. increaseAllowance (0x39509c)

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Wait for your transaction to execute successfully.

Navigate back to the fToken Accumulator contract via etherscan:  
[etherscan.io/address/0x850d9ddc2fa136b51c7c86ef...](https://etherscan.io/address/0x850d9ddc2fa136b51c7c86ef...)

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Click the dropdown to determine the tokens and their associated balances within the fToken Accumulator

The screenshot shows the fToken Accumulator interface. At the top, there is a banner for a game: "ame - Win up to 5 BTC Everyday! Live casino + 20k slots [Play Now](#)". Below this, there is a form with a dropdown menu currently showing "\$0.00" with a blue "1" icon. To the right, there is a "More Info" section with "My Name Tag: Not Available" and "Contract Creator: [Flashstake](#)". Below the form is an advertisement for "XENNA GAMEFI BATTLE ROYALE RTS JOIN NFT TOURNAMENT". At the bottom, there is a navigation bar with "Erc20 Token Txns", "Contract" (checked), "Events", "Analytics", and "Comments".

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Choose the token you wish to accumulate

Note: If the drop down is not shown, this is because there are no tokens in the contract - try again later!

The screenshot shows the fToken Accumulator interface with the dropdown menu open. The dropdown menu has a search bar "Search for Token Name" and a section titled "ERC-20 Tokens (1)" with one option: "fCRV-A3F8 (fCRV-A...) 1.6 fCRV-A3F8". The form above shows "\$0.00" with a blue "1" icon. The "More Info" section on the right is the same as in the previous screenshot. Below the advertisement, there is a navigation bar with "Erc20 Token Txns", "Contract" (checked), "Events", "Analytics", and "Comments". Below the navigation bar, it says "Total of 3 transactions". At the bottom, there is a table with columns: "Method", "Block", "Age", "From", and "To". The first row shows: "17db828efb9...", "Set Exchange Det...", "16485502", "7 mins ago", "Flashstake: Deployer 1", "IN", and "0x850d9ddc".

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Once you have chosen the token you wish to accumulate, copy the token contract address

The screenshot shows a web interface with a navigation bar at the top containing 'Home', 'Blockchain', 'Tokens', 'Resources', and 'More'. Below the navigation bar are three buttons: 'Exchange', 'Earn', and 'Gaming'. The main content area features a 'Profile Summary [Edit]' section. This section contains the following information:

- Contract:** 0x93eE9a13daEC3AAA3C18bFdAC9581a3B92e3530C
- Decimals:** 18
- Social Profiles:** Not Available, [Update ?](#)

A 'Copy address' button is positioned over the contract address. Below the profile summary is a promotional banner for 'BC.GAME' featuring a 'LUCKY SPIN!' wheel and a 'PLAY NOW' button.

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Click "Connect to Web3" and connect your wallet

The screenshot displays the 'Blockscan Chat' interface, which is described as 'Wallet-to-wallet instant messaging'. The main content area is titled 'Contract' and includes several tabs: 'Transactions', 'Erc20 Token Txns', 'Contract', 'Events', 'Analytics', and 'Comments'. Below the tabs are three buttons: 'Code', 'Read Contract', and 'Write Contract'. A 'Connect to Web3' button is highlighted with a callout. Below this button is a list of contract functions:

1. accumulate (0xfe59c09e)
2. renounceOwnership (0x715018a6)
3. setDisperselInformation (0x718bd2cf)
4. setExchangeDetails (0xe9f97346)

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Once connected, click "1. accumulate (0xfe59c09e)"

The screenshot shows a web interface with a navigation bar at the top containing the following tabs: "Transactions", "Erc20 Token Txns", "Contract" (which is active and has a green checkmark), "Events", "Analytics", and "Comments". Below the navigation bar, there are two buttons: "Read Contract" and "Write Contract". A blue box highlights the text "Connected - Web3 [0x4B9f....491F]". Below this, a list of contract functions is displayed, each in a light gray row. The first function, "accumulate (0xfe59c09e)", is highlighted with a blue box. The other functions listed are "TransferOwnership (0x715018a6)", "TransferInformation (0x718bd2cf)", "ExchangeDetails (0xe9f97346)", and "TransferOwnership (0xf2fde38b)". A large orange circle is positioned in the center of the interface, overlapping the "accumulate" function row.

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In the `_tokenAddresses` field, enter the token address you copied earlier (the token you wish to accumulate)

In the `_recipientAddresses` field, enter the address you wish to send the accumulated tokens to. This is usually your own wallet address.

In the `_minimumReceived` field, enter the minimum number of tokens you wish to accumulate. If the balance on execution is lower than this number, the transaction will fail.

Click "Write" and execute the transaction

`_tokenAddresses (address[])`

0x93eE9a13daEC3AAA3C18bFdAC9581a3B92e3530C

`_recipientAddresses (address[])`

0x4B9f696c998f9549485a3a85DcA692Fd6CCE491F

`_minimumReceived (uint256[])`

1



2. renounceOwnership (0x715018a6)

3. setDispersalInformation (0x718bd2cf)

4. setExchangeDetails (0xe9f97346)

5. transferOwnership (0xf2fde38b)