

Explorer - Filters

Filters allow you to customize your view of the mempool to only see transactions that are interesting to you.

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Getting Started

1. Go to Ethernow.xyz
2. .
3. Login by either connecting your wallet or connecting with email. This will allow you to save your filters for future use.
4. Access the filter panel by clicking on the "Filters" button at the top right of Ethernow.
5. Once the panel is open you can apply a filter.
6.
 1. Click on a prefilled address set
7.
 1. from the "Feature Addresses" section to quickly apply a filter.
8.
 1. Customize the attributes
9.
 1. from scratch directly in the panel to build a custom filter.
10.
 - 1.
11. Feel free to mix and match both approaches!
12. Click "Apply" at the bottom to view the result.
13. If you want to store the filter for future use, click "Save". Give the saved filter a name and a description.
14. To find your saved filters, navigate to the left hand sidebar and select "My Filters".
15. Share your saved filter by copying the URL.
- 16.

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Featured Addresses

Featured addresses are a quick way to filter for a group of addresses that you are interested in.

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Clicking on an address group, such as "Uniswap", will select it. Clicking it again unselects it. Selecting multiple address groups will create an "OR" logic and surface matching results for all the selected addresses. Click "Apply" to view the results.

The following is a list of the Ethernow featured addresses and the addresses they are filtering for:

Uniswap Universal Router: 0x3fC91A3afd70395Cd496C647d5a6CC9D4B2b7FAD

Universal Router 2: 0xef1c6e67703c7bd7107eed8303fbe6ec2554bf6b

Uniswap V2 Router: 0x7a250d5630b4cf539739df2c5dacb4c659f2488d

Uniswap V3 Router: 0x68b3465833fb72a70ecdf485e0e4c7bd8665fc45 AAVE Pool V3:
0x87870Bca3F3fD6335C3F4ce8392D69350B4fA4E2

Incentives Controller: 0xd784927Ff2f95ba542BfC824c8a8a98F3495f6b5

Aave Collector V2: 0x464C71f6c2F760DdA6093dCB91C24c39e5d6e18c

Price Oracle V2: 0xA50ba011c48153De246E5192C8f9258A2ba79Ca9

Lending Rate Oracle V2: 0x8A32f49FFbA88aba6EFF96F45D8BD1D4b3f35c7D

Lending Pool V2: 0x7d2768dE32b0b80b7a3454c06BdAc94A69DDc7A9

Lending Pool Registry V2: 0x52D306e36E3B6B02c153d0266ff0f85d18BCD413

Lending Pool V1: 0x398eC7346DcD622eDc5ae82352F02bE94C62d119

Lending Pool Core V1: 0x3dfd23A6c5E8BbcFc9581d2E864a68feb6a076d3 Curve DAI/USDC/USDT Pool:
0xbEbc44782C7dB0a1A60Cb6fe97d0b483032FF1C7

3CRV Token: 0x6c3F90f043a72FA612cbac8115EE7e52BDe6E490

DAI/USDC/USDT Gauge: 0xbFcF63294aD7105dEa65aA58F8AE5BE2D9d0952A

3Pool Implementation Contract: 0x5F890841f657d90E081bAbdB532A05996Af79Fe6

3Pool Deposit Zap: 0xA79828DF1850E8a3A3064576f380D90aECDD3359

CRV Token: 0xD533a949740bb3306d119CC777fa900bA034cd52

yCrv Token: 0xdF5e0e81Dff6FAF3A7e52BA697820c5e32D806A8

Token Minter: 0xd061D61a4d941c39E5453435B6345Dc261C2fcE0

Fee Distributor: 0xA464e6DCda8AC41e03616F95f4BC98a13b8922Dc

Gauge Controller: 0x2F50D538606Fa9EDD2B11E2446BEb18C9D5846bB

Voting Escrow: 0x5f3b5DfEb7B28CDbD7FAba78963EE202a494e2A2 Optimism Batchers:
0x6887246668a3b87F54DeB3b94Ba47a6f63F32985

Lib Address Manager: 0xdE1FCfB0851916CA5101820A69b13a4E276bd81F

Proxy OVM L1 Cross Domain Messenger: 0x25ace71c97B33Cc4729CF772ae268934F7ab5fA1

L1 NFT Bridge: 0x5a7749f83b81B301cAb5f48EB8516B986DAef23D

0x99C9fc46f92E8a1c0deC1b1747d010903E884bE1

State Root Proposer: 0x473300df21D047806A082244b417f96b32f13A33

ProxyAdmin: 0x543bA4AADBA8f9025686Bd03993043599c6fB04

SystemConfigProxy: 0x229047fed2591dbec1eF1118d64F7aF3dB9EB290 Stablecoins Dai:
0x6b175474e89094c44da98b954eedeac495271d0f

USDC: 0xa0b86991c6218b36c1d19d4a2e9eb0ce3606eb48

Tether: 0xdac17f958d2ee523a2206206994597c13d831ec7

BUSD: 0x4Fabb145d64652a948d72533023f6E7A623C7C53

FDUSD: 0xc5f0f7b66764F6ec8C8Dff7BA683102295E16409

crvUSD: 0x95ecdc6caaf7e4805fcef2679a92338351d24297

USDP: 0x8e870d67f660d95d5be530380d0ec0bd388289e1

LUSD: 0x5f98805A4E8be255a32880FDeC7F6728C6568bA0

TUSD: 0x00000000000085d4780B73119b644AE5ecd22b376

UST: 0x2bdf15d055899a767f5459a151bed15fb8fd2f6

GHO: 0x40D16FC0246aD3160Ccc09B8D0D3A2cD28aE6C2f

GUUSD: 0x056fd409e1d7a124bd7017459dfea2f387b6d5cd

PYUSD: 0x6c3ea9036406852006290770bedfcaba0e23a0e8

FEI: 0x956F47F50A910163D8BF957Cf5846D573E7f87CA

MIM: 0x99d8a9c45b2eca8864373a26d1459e3dff1e17f3 OFAC SDN '0x8576acc5c05d6ce88f4e49bf65bdf0c62f91353c',
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'0x1da5821544e25c636c1417ba96ade4cf6d2f9b5a', '0x7db418b5d567a4e0e8c59ad71be1fce48f3e6107',
'0x72a5843cc08275c8171e582972aa4fda8c397b2a', '0x7f19720a857f834887fc9a7bc0a0fbc7fc7f8102',
'0x9f4cd4013e354b8fc285bf4b9a60460cee7f7ea9', '0x2f389ce8bd8ff92de3402ffce4691d17fc4f6535',
'0x19aa5fe80d33a56d56c78e82ea5e50e5d80b4dff', '0xe7aa314c77f4233c18c6cc84384a9247c0cf367b',
'0x308ed4b7b49797e1a98d3818bff6fe5385410370', '0xfec8a60023265364d066a1212fde3930f6ae8da7',
'0x67d40EE1A85bf4a4Bb7Ffae16De985e8427B6b45', '0x6f1ca141a28907f78ebaa64fb83a9088b02a8352',
'0x6acdfba02d390b97ac2b2d42a63e85293bcc160e', '0x48549a34ae37b12f6a30566245176994e17c6b4a',
'0x5512d943ed1f7c8a43f3435c85f7ab68b30121b0', '0xc455f7fd3e0e12afd51fba5c106909934d8a0e4a',

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'0x961c5be54a2ffc17cf4cb021d863c42dacd47fc1', '0x983a81ca6fb1e441266d2fbc7d8e530ac2e05a2' EigenLayer cbETH
Strategies: 0x54945180dB7943c0ed0FEE7EdaB2Bd24620256bc

stETH Strategies: 0x93c4b944D05dfe6df7645A86cd2206016c51564D

rETH Strategies: 0x1BeE69b7dFFfA4E2d53C2a2Df135C388AD25dCD2

ETHx Strategies: 0x9d7eD45EE2E8FC5482fa2428f15C971e6369011d

ankrETH Strategies: 0x13760F50a9d7377e4F20CB8CF9e4c26586c658ff

OETH Strategies: 0xa4C637e0F704745D182e4D38cAb7E7485321d059

osETH Strategies: 0x57ba429517c3473B6d34CA9aCd56c0e735b94c02

swETH Strategies: 0x0Fe4F44beE93503346A3Ac9EE5A26b130a5796d6

wBETH Strategies: 0x7CA911E83dabf90C90dD3De5411a10F1A6112184

sfrxETH Strategies: 0x8CA7A5d6f3acd3A7A8bC468a8CD0FB14B6BD28b6

IsETH Strategies: 0xAe60d8180437b5C34bB956822ac2710972584473

mETH Strategies: 0x298aFB19A105D59E74658C4C334Ff360BadE6dd2

Eigen Pod Beacon: 0x5a2a4F2F3C18f09179B6703e63D9eDD165909073

Eigen Pod Manager: 0x91E677b07F7AF907ec9a428aafA9fc14a0d3A338

Delayed Withdrawal Router: 0x7Fe7E9CC0F274d2435AD5d56D5fa73E47F6A23D8

Delegation: 0x39053D51B77DC0d36036Fc1fCc8Cb819df8Ef37A

Slasher: 0xD92145c07f8Ed1D392c1B88017934E301CC1c3Cd

Strategy Manager: 0x858646372CC42E1A627fcE94aa7A7033e7CF075A If you would like to have your protocol featured on the featured list [please reach out](#).

Filter Overview

The following is the definition

Criteria Definition [Featured Addresses](#) Grouping of addresses. [Private Transactions Only](#) Transactions that did not go through the public mempool. [Address](#) Sender or Recipient address (wallet or contract, generally). [4-Byte Signatures](#) 4-Byte signatures are functions identifiers (contractmethodName). [Event Signature](#) Event signature (hex) are event identifiers (logtopic0). [Status](#) Status of this transaction: success / failed. [Type](#) Denotes the gas pricing used for this transaction.

- type: 0
 - represents legacy transactions (pre-EIP-1559).
- type: 1
 - represents EIP-2930 transactions that include an access list.
- type: 2
 - are EIP-1559 transactions.
- type: 3
 - are EIP-4844 transactions. * [Value](#) Amount of ETH transferred directly from the "from" address, in wei. [Gas](#) Maximum number of units of gas that the sender allows for this transaction. [Gas Price](#) The price per unit of gas, in gwei.

Private Transactions Only

Private transactions are defined as transactions that are never seen by Blocknative nodes in the mempool before landing on-chain. When checked, the Ethernw view will be filtered to only display private transactions.

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Once selected, Ethernw will show you all matching blocks containing private transactions on the left column.

When "Private Transactions Only" is checked, the public mempool live feed will be empty.

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Address

This field allows you to filter by address. The filter will apply the address to both the "From" and "To" fields. All addresses will be applied using an "OR" statement. The more addresses added, the wider the set of results will be.

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4-Byte Signature

4-Byte signatures are widely used in smart contracts to uniquely identify functions. It helps determine which function is being called when a transaction interacts with a smart contract.

Using this field you can filter by 4-Byte signature which is a unique ID derived from the first four bytes of a function's signature hash. Each signature applied will use an "OR" statement. The more signatures added, the wider the set of results will be.

For example, the 4-Bytes0xa9059cbb will show transfer transactions while0x022c0d9f will show you swaps.

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Resource:<https://www.4byte.directory/signatures/>

Event Signature

Using this field you can filter by event signature which is a unique identifier generated from an event's name and parameters. Dapps will listen for specific events emitted by smart contracts to react to changes or triggers within the blockchain ecosystem.

Each signature applied will use an "OR" statement. The more signatures added, the wider the set of results will be.

For example, the hex signature0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef will show you transfer log events:

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Resource:<https://www.4byte.directory/signatures/>

Status

Using this field you can filter for transactions that have either succeeded or failed to get on chain.

All boxes will be applied using an "OR" statement. The more boxes you check, the wider the set of results will be.

If all boxes are left unchecked, you will get the full set of transactions.

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Type

Using this field you can filter for the type of gas used for a transaction.

- Type 0:
 - represents a legacy transaction, they use traditional gasPrice (pre-EIP-1559).
- Type 1:
 - represents a legacy transaction with the addition of access_list (pre-EIP-1559).
- Type 2:
 - this type was introduced by [EIP-1559](#)
 - and adds maxPriorityFeePerGas and maxFeePerGas to specify the transaction fee. Most Ethereum transaction use Type 2.
- Type 3:
 - this type was introduced by [EIP-4844](#)
 - and introduces Blob transactions. See the [blob tab](#)
 - for more details.
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Each type applied will use an "OR" statement. The more types applied, the wider the set of results will be.

Value

This represents the amount of ETH transferred directly from the "from" address.

You can define a range by specifying: a min value, a max value, or both for a custom range.

Value here is denominated in WEI.

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Gas

This represents the maximum number of units of gas that the sender allows for this transaction.

You can define a range by specifying: a min value, a max value, or both for a custom range.

Gas here is in denominated in GAS UNIT.

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Gas Price

This represents the price per unit of gas.

You can define a range by specifying: a min value, a max value, or both for a custom range.

Gas Price here is in denominated in GWEI.

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Saving a filter

Login via wallet or email (magic link) to save a filter or view your saved filters.

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Click on the "Save" button.

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Fill in the name and description and then save your filter.

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Retrieve your saved filter by clicking in the left navigation menu on "My Filters".

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Sharing a saved filter

Sharing a filter allows anyone to see the Mempool view you constructed. You can share a saved filter two ways:

1. Go to "My Filters" on the left hand navigation menu and click the copy icon to save to clipboard and share on a platform of choice.
- 2.

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1. When your filter is open on the [Ethern](#)ow
2. view, click on the share button that is at the top of the Filter Panel.
- 3.

?

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