

# TransactionBlockFilter

No description

```
input TransactionBlockFilter {  
  function: String  
  kind: TransactionBlockKindInput  
  afterCheckpoint: UInt53  
  atCheckpoint: UInt53  
  beforeCheckpoint: UInt53  
  affectedAddress: SuiAddress  
  sentAddress: SuiAddress  
  inputObject: SuiAddress  
  changedObject: SuiAddress  
  transactionIds: [String!]  
}
```

## Fields

[TransactionBlockFilter.function](#) • [String](#) **scalar**

Filter transactions by move function called. Calls can be filtered by the `package`, `package::module`, or the `package::module::name` of their function.

[TransactionBlockFilter.kind](#) • [TransactionBlockKindInput](#)  
**enum**

An input filter selecting for either system or programmable transactions.

[TransactionBlockFilter.afterCheckpoint](#) • [UInt53](#) **scalar**

Limit to transactions that occurred strictly after the given checkpoint.

[TransactionBlockFilter.atCheckpoint](#) • [UInt53](#) **scalar**

Limit to transactions in the given checkpoint.

[TransactionBlockFilter.beforeCheckpoint](#) • [UInt53](#) **scalar**

Limit to transaction that occurred strictly before the given checkpoint.

`TransactionBlockFilter.affectedAddress` • `SuiAddress`

**scalar**

Limit to transactions that interacted with the given address. The address could be a sender, sponsor, or recipient of the transaction.

`TransactionBlockFilter.sentAddress` • `SuiAddress` **scalar**

Limit to transactions that were sent by the given address.

`TransactionBlockFilter.inputObject` • `SuiAddress` **scalar**

Limit to transactions that accepted the given object as an input. NOTE: this input filter has been deprecated in favor of `affectedObject` which offers an easier to under behavior.

This filter will be removed with 1.36.0 (2024-10-14), or at least one release after `affectedObject` is introduced, whichever is later.

`TransactionBlockFilter.changedObject` • `SuiAddress` **scalar**

Limit to transactions that output a version of this object. NOTE: this input filter has been deprecated in favor of `affectedObject` which offers an easier to understand behavior.

This filter will be removed with 1.36.0 (2024-10-14), or at least one release after `affectedObject` is introduced, whichever is later.

`TransactionBlockFilter.transactionIds` • `[String!]` **list**

**scalar**

Select transactions by their digest.

## Member Of

`transactionBlocks` **query**

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