GenericRouter

Router that allows to use `IAggregationExecutor` for swaps

Quick links

[Derives](#)
[Functions](#)

Derives

- [EthReceiver](#)

Functions

swap

```
function swap(
    contract IAggregationExecutor executor,
    contract SwapDescription calldata desc,
    bytes calldata permit,
    bytes calldata data
) external payable returns (uint256 returnAmount, uint256 spentAmount)
```

Performs a swap, delegating all calls encoded in `data` to `executor`. See tests for usage examples

Parameters:

Name	Type	Description
`executor`	contract IAggregationExecutore	Aggregation executor that executes calls described in `data`
`desc`	contract SwapDescription	Swap description

Name	Type	Description
`permit`	bytes	Should contain valid permit that can be used in `IERC20Permit.permit` calls
`data`	bytes	Encoded calls that `caller` should execute in between of swaps

Return values

Name	Type	Description
`returnAmount`	uint256	Resulting token amount
`spentAmount`	uint256	Source token amount