

Registry Specification

Registry is used to manage the sources of cryptocurrency prices and the operations to be performed on the prices obtained from these sources. The registry is a YAML file that specifies the sources and operations for each cryptocurrency.

Each Signal is associated with a single file and is contained in a directory for each category. Categories are classified by their processor functions and type. For example, CS (crypto spot price) would be a category and contain Signals like ETH-USD.

An example for theCS.yaml in CS would be:

```
processor : function : weighted_median params : source_weights : binance :
```

```
1 bybit :
```

```
1 coinbase :
```

```
1 coingecko :
```

```
1 coinmarketcap :
```

```
1 cryptoccompare :
```

```
1 htx :
```

```
1 kraken :
```

```
1 okx :
```

```
1 minimum_cumulative_weight :
```

1 The processor field specifies the operation to be performed on the prices obtained from all sources. The function field in the processor object is a string that specifies the operation (e.g., "median", "weighted_median"), and the params field is an object that specifies the parameters for the operation.

Here is an example of an entry in the registry for Signal IDCS/ETH-USD.yaml :

```
sources : -
```

```
source_id : binance id : ethusdt routes : -
```

```
signal_id : CS : USDT - USD operation :
```

```
!*
```

source_id : coingecko id : ethereum In the above example, thesources field specifies the sources from which the prices of Ethereum will be fetched. Each source is represented by an object that contains thesource_id andid fields. Thesource_id field is a string that identifies the source (e.g., "binance" or "coingecko"), and theid field is a string that identifies the cryptocurrency on the source (e.g., "ethusdt" on Binance or "ethereum" on CoinGecko).

The routes field in each source specifies the operations to be performed on the prices obtained from the source. Each operation is represented by an object that contains thesignal_id andoperation fields. Thesignal_id field is a string that identifies another cryptocurrency whose price will be used in the operation, and theoperation field is a string that specifies the operation to be performed (e.g., "*" for multiplication).

To add new signals or make changes to existing ones, you can create a pull request at the[registry](#) . [Previous Data Feeding Guarantee Next Governance Parameters](#)