

# Mobula API Documentation

## Base URL

<https://production-api.mobula.io/api/1>

## Available Endpoints

### 1. Get All Cryptocurrencies

Endpoint: /all

Method: GET

Parameters: None

Response: List of all cryptocurrencies with their metadata

### 2. Get Token Metadata

Endpoint: /metadata

Method: GET

Parameters:

asset: Contract address or token name

blockchain: Optional blockchain network

### 3. Get OHLCV Data

Endpoint: /market/history/pair

Method: GET

Parameters:

symbol: Token symbol

blockchain: Blockchain network

### 4. Get Latest Tokens

Endpoint: /market/query/token

Method: GET

Parameters:

sortBy: e.g., "listed\_at"

sortOrder: e.g., "desc"

## Supported Blockchains

The system supports multiple blockchains with priority order:

1. Ethereum
2. Polygon
3. BNB Smart Chain (BEP20)
4. Arbitrum
5. Optimistic
6. Avalanche C-Chain
7. Base
8. Solana

## Response Models

### Cryptocurrency Data Model:

class CryptocurrencySymbol\_Mobula:

id: int

name: str

symbol: str

### OHLCV Response Structure:

```
{  
  
  "blockchain": str,  
  
  "asset": str,
```

```
"data": [  
  {  
    "timestamp": int,  
    "open": float,  
    "high": float,  
    "low": float,  
    "close": float,  
    "volume": float  
  }  
]  
}
```

## Error Handling

The API client includes error handling for:

- HTTP errors
- Connection errors
- Invalid response formats
- Empty responses

## Rate Limiting

- The system includes built-in rate limiting and retry logic for API calls
- Failed requests are logged for monitoring