

dxFeed Price Oracle



dxFeed, a subsidiary of [Devexperts](#), is an industry leader in providing high-quality financial data, including real-time and historical market data services, reference data, corporate actions, "time machine" market replay and more. This oracle will initially provide real-time pricing data for a range of equities and cryptocurrencies.

Steps For Using This Oracle

- Write and deploy your [Chainlink](#) contract using the network details below
- Fund it with [LINK](#)
- Call your [request method](#)

Network Details

Ethereum Mainnet

Payment Amount: 1 LINK

LINK Token Address: `0x514910771AF9Ca656af840dff83E8264EcF986CA`

Oracle Address: `0xECcB8F881cE2552EdA4115a162ffE2666B601c33`

JobID: `beeca27f5c0942b0958b64c284b5117d`

Ethereum Kovan Testnet

Payment Amount: 0.1 LINK

LINK Token Address: `0xa36085F69e2889c224210F603D836748e7dC0088`

Oracle Address: `0x56dd6586DB0D08c6Ce7B2f2805af28616E082455`

JobID: `0391a670ba8e4a2f80750acfe65b0c89`

Binance Smart Chain Mainnet

Payment Amount: 0.1 LINK

LINK Token address: `0x404460c6a5ede2d891e8297795264fde62adbb75`

Oracle Address: `0x97a585920a3D0E8922406c5E6D826F76F29ecCd4`

JobID: `c37e674b864a47ccb33096ca007d64e4`

Create Your Contract

Import `ChainlinkClient.sol` into your contract so you can inherit the Chainlink behavior.

[Deploy this contract using Remix ↗](#)

[What is Remix?](#)

```
pragma solidity ^0.4.24;

import "@chainlink/contracts/v0.4/ChainlinkClient.sol";

contract DxFeedChainlink is ChainlinkClient {

    uint256 oraclePayment;

    constructor(uint256 _oraclePayment) public {
        setPublicChainlinkToken();
        oraclePayment = _oraclePayment;
    }
    // Additional functions here:

}
```

Tasks

- [dxFeed](#)
- [Copy](#)
- [Multiply](#)
- [EthUint256](#)
- [EthTx](#)

Request Parameters

base

- The asset or asset pair to request the price of.

Solidity Example

```
req.add("base", "BTC/USDT:CXDxF");
```

Parameter Options

Equities

- BAC
- BRK/A
- C
- GS
- JPM
- MA
- MS
- PYPL
- V
- WFC

Cryptocurrency Pairs

- BSV/BTC:CXDXF
- ETC/BTC:CXDXF
- EOS/BTC:CXDXF
- BCH/USDT:CXDXF
- BSV/USDT:CXDXF
- BTC/USDT:CXDXF
- ETC/USDT:CXDXF
- LTC/USDT:CXDXF
- XRP/USDT:CXDXF

Chainlink Examples

The examples below show how to create a request for the Chainlink node.

requestPrice function

```
function requestPrice
(
    address _oracle,
    bytes32 _jobId,
    string memory _base
)
    public
    onlyOwner
{
    Chainlink.Request memory req = buildChainlinkRequest(_jobId, address(this), this.fulfillment);
    req.add("base", _base);
    sendChainlinkRequestTo(_oracle, req, oraclePayment);
}
```

fulfill function

```
uint256 public price;

function fulfill(bytes32 _requestId, uint256 _price)
    public
    recordChainlinkFulfillment(_requestId)
{
    price = _price;
}
```

Documentation and Support

- [dxFeed API Documentation](#)
 - [dxFeed Help Desk](#)
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