

Price Oracles

Oracles are smart contracts that enable you to query the current price of an asset.

Since smart contracts cannot connect to internet and pull information, Oracles rely on having someone constantly updating their prices. Because of that, be mindful when using an oracle that there might be a delay between the market's latest information and the Oracles data.

Oracle contract's are not standardized. We will here list different providers and how to use their Oracle as they are built.

Price Oracles

- Account: priceoracle.near
- |priceoracle.testnet
- Creator: [NearDeFi](#)
- Smart contract: <https://github.com/NearDeFi/price-oracle>
- Bot to fill contract <https://github.com/NearDeFi/near-price-oracle-bot>

Query Assets

- CLI

near view priceoracle.near get_assets Example response [['wrap.near', { reports: [{ oracle_id: 'thorinoracle.near', timestamp: '1669795900809627816', price: { multiplier: '17030', decimals: 28 } }, { oracle_id: 'npo-aurora.near', timestamp: '1706631791706032710', price: { multiplier: '30641', decimals: 28 } }, { oracle_id: 'gloriafoster.near', timestamp: '1706631808550973590', price: { multiplier: '30666', decimals: 28 } }, ...

Get Assets Price

- CLI

near view priceoracle.near get_price_data Example response { timestamp: '1706631861981947371', recency_duration_sec: 90, prices: [{ asset_id: 'wrap.near', price: { multiplier: '30702', decimals: 28 } }, { asset_id: 'aurora', price: { multiplier: '235662', decimals: 20 } }, { asset_id: 'meta-pool.near', price: { multiplier: '38770', decimals: 28 } }, { asset_id: 'linear-protocol.near', price: { multiplier: '36432', decimals: 28 } }, tip Divide the returned multiplier by 10000 to obtain the price in USD. [Edit this page](#) Last updated on Feb 28, 2024 by Damian Parrino Was this page helpful? Yes No

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