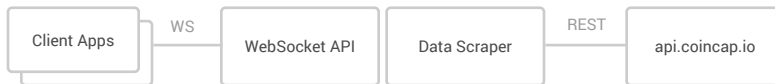


JavaScript Test Assignment

Create web-page listing top-5 crypto currency prices and corresponding WebSocket API to update this information from public REST API



RECEIVE DATA FROM REST API

Create node.js service consuming public REST API
<https://api.coincap.io/v2/assets> (more information: docs.coincap.io)

Extract id, name, symbol, rank and price for items with 5 lowest rank (Bitcoin, Ethereum, etc)

Update this information every 30-60 seconds.

WEBSOCKET API SERVER

Create node.js WebSocket server listening to serve multiple web-clients simultaneously.

Upon client connection send list of known currencies with current prices.

When prices received from REST API changes, send updated rows to all connected clients.

CLIENT APP

Create single HTML page with list of most popular crypto currencies with current price in USD.

Using vanilla JavaScript, library or any JS framework connect to WebSocket API (created above), receive data for crypto-currencies list, populate HTML page with this list.

Continue to listen for ws-events and update prices as they change.

Reconnect automatically when WebSocket connection broken

Example presentation

Bitcoin	\$3,645
XRP	\$0.333
Ethereum	\$125
Bitcoin Cash	\$130
EOS	\$2.45