

TradeX-chart

Axes

- X
  - Overview slider
  - Jump End Start icons on Timeline
  - Drag to resize
- Y
  - Drag to manual scale
  - Stream Candle count down
  - Log scale
- Convert to Graph overlays
- Overlays

smooth drag response

Performance

- Rendering
  - Panes / views
    - delete
    - move
    - view
    - max
    - min
  - zoom out max range too short?
  - Dialogue windows
  - drawThis() switch
  - fix resize update fail (MainPane?)
  - Fix chart loses render on stream start
  - Menus
    - reposition on out of bounds
    - position on chart resize
  - Candle widths and gaps
  - chart pan must end with same candle under cursor
  - multitouch device support
  - Pixel perfect hit detection
  - Legends must not block chart pointer updates
- Interaction
- Data
  - Themes
    - Hot swapping of themes - multi-theme support
    - modify sepcific theme entries
  - Merging of new price history
    - End of history event trigger (load more data)
  - Data State
    - Merge
      - Indicators
      - Trades
    - Hot swapping of Data State
    - Export Data State

Indicators

- Custom Indicator API
  - add
  - delete
  - move
  - hide
  - settings
- Implement all (?) TALib
- Fallback no WASM - TechnicalIndicators
- Generate back history
  - Generate only missing data
- Default colours
  - cycle through defaults

Overlays

- Custom Overlays API
  - add
  - delete
  - move
  - hide
  - settings
- Trades
- Events
- Price High Low Marker
- Orders
- Annotations
- Watermark
  - text
  - image
- Secondary Price Charts

Tools

- Implement
  - Arbitrary
  - Ray
  - Horizontal / Vertical
  - Horizontal / Vertical Ray
- Fibonacci
- Measurement

Utils

- toolbar de/active
- Chart Config
- Time Zone
- Utils bar de/activate
- Indicators
- Snapshot - export chart image

Alerts

- API
- config
- GUI

Widgets

- Progress

TALib

- Optionally use to calculate Range
- Base64 encodeing

Documentation

- Astro
  - GitHub Docs
  - API - jsdoc-to-markdown
- GitHub wiki
- 3SDoc Theme
- jsdoc2vitepress

Demo

- GitHub Project Page
  - WASM
    - Respond to bug report
  - Combine multiple Binance sterams
  - add badges
- CodeSandbox Examples
  - static price and live stream
  - static
  - live stream
  - custom indicator