

Timeline Rendering Engine

RowBuilder

Time to Slot Converter

- 1. Converts time string to slot number
- 2. Example: '10:30' -> 126

- 1. Generates dataRow array
- 2. Iterates over rawData
- 3. Calculates gaps and items
- 4. Adds objects to array with
 - type
 - colSpan
 - start
 - end

Data Row Renderer

- 1. Render each item in dataRow
- 2. Set row container CSS width to 4320px
- 3. Calculate CSS width using dataRowItem.colSpan