

Turn Data into Documents.

Fast. Scalable. Just HTML & CSS.

The Composition Engine bridges the gap between raw data (XML) and professional documents (PDF). It is designed to process massive datasets efficiently, producing pixel-perfect documents using HTML templates and headless browser rendering. Stop fighting with archaic formats like XSL-FO or proprietary tools. Build your invoices, statements, and reports using the web technologies you already know.

KEY FEATURES

High Fidelity Rendering

Uses a headless browser (Puppeteer) to render full HTML/CSS, ensuring your PDFs look exactly like your web templates. What you see is what you get.

Scalable Streaming

Processes gigabyte-sized XML files with millions of records without loading the entire file into memory. Flat memory usage regardless of input size.

High Concurrency

Parallel processing maximizes CPU usage and throughput by utilizing a robust pool of browser instances.

Handlebars Templates

Full support for logic (`{{#if}}`, `{{#each}}`) and formatting helpers (`formatCurrency`, `formatDate`) to handle complex data requirements.

Flexible Output Modes

Generate individual PDF files for each record (Multi Mode) or combine all records into a single giant PDF (Single Mode).

SYSTEM REQUIREMENTS

✓	Deno Runtime (v2.5 or later)
✓	Google Chrome, Chromium, or Microsoft Edge
✓	Windows, macOS, or Linux
✓	Multi-core Processor (2+ cores, 4+ recommended)
✓	Minimum 4GB RAM (8GB recommended for high concurrency)

PRICING

TIER	PRICE	DETAILS
Developer	Free	Open Source (MIT License). Perfect for local development and small projects.
Enterprise	Contact Us	Dedicated support, SLA, and custom integration services.