

RSVP Reader App — Documentation Summary

A single-page web app that presents text using Rapid Serial Visual Presentation (RSVP): words (or small word groups) appear one at a time in a fixed focal position to reduce eye movements and support fast reading practice.

General

Primary use: quick review and focused reading practice for students.

Core flow: load text → set speed/chunking → start → pause/rewind/reset.

Local-first: runs in the browser (no server required unless you add one).

Inputs

Paste text: paste content into the text area and load for RSVP playback.

Choose File: select a local file to load content without copy/paste.

PDF: extracts readable text and feeds it into RSVP (complex layouts may read out of order).

RSVP Presentation & Settings

Tokenization: splits text into words/tokens for sequential display.

Chunk size: 1 word per frame (classic) or N words per frame (chunked).

Speed (WPM): controls timing; chunk size changes the effective pace.

Smart pauses: optional micro-pauses at punctuation and paragraph breaks to support comprehension.

Controls

Playback: start/resume, pause, restart/reset.

Navigation: next/rewind/step controls (if enabled in your build).

Keyboard: typically Space toggles play/pause; other keys may map to next/reset (implementation-specific).

Feedback, Tracking, and Privacy

Progress: word index/total, completion percent, optional time remaining.

Session metrics (optional): timer and/or completion tracking.

Privacy: content processed locally; optional preferences stored in-browser (e.g., localStorage).

Known Limitations & Recommended Defaults

PDF extraction: multi-column layouts, tables, and footnotes can produce out-of-order text.

Comprehension tradeoff: very high WPM may reduce understanding; chunking + pauses typically help.

Student defaults: 250–350 WPM, 1–2 words/frame, punctuation pauses ON, paragraph pauses ON for longer readings.