Tests and results

Heap capped at 512 MB. Sequential. No extra production rebuild during the gauntlet. 2026-09-09.

Gauntlet — 6 / 6 pass

```
[gauntlet] heap cap 512 MB · sequential · no production rebuild
[gauntlet] ok  typecheck            10409ms
[gauntlet] ok  auth invariant         234ms
[gauntlet] ok  quill unit tests       458ms
[gauntlet] ok  auth gate tests        468ms
[gauntlet] ok  smoke helpers          198ms
[gauntlet] ok  live preview smoke    4313ms
[gauntlet] 6 steps passed in 16080ms · heap cap 512 MB
```

Unit tests — 81 / 81 pass

SUITE	TESTS	PASS	FAIL
Quill SI ops / import / export / zip / publish / continuity	14	**14**	0
Auth gates	27	**27**	0
Preview smoke helpers	40	**40**	0
Total	**81**	**81**	**0**

Raw TAP: `quill-unit.tap.txt`, `auth-gate.tap.txt`, `smoke-helpers.tap.txt`.

What they prove

- Every Command Center op has a unique id and a spoken twin.
- Rename, write, snapshot, restore, replace across the book.
- Prices store as cents ($4.99, not 4.989999).
- Markdown import splits chapters; imported scenes compile (they are drafts, not dropped ideas).
- JSON backup round-trips with a new book id.
- Word heading XML becomes Markdown.

- ZIP write + read for EPUB/DOCX guts.
- KDP 24-page floor, cover wrap, royalty table on the sample.
- Continuity flags unfinished notes. Part titles stay in compile.

Live preview smoke

Desktop 1280×800 and phone 390×844: status 200, no console errors, no page errors, no sideways scroll. Title: Quill SI.

Clicked-through studio

FLOW	RESULT
Email sign-up → My books	**Pass**
Sample “The Salt Line” opens	**Pass**
First-run tour skip	**Pass**
Write / Outline / Characters / Review / Export	**Pass**
Files: Markdown, HTML, text, Word, EPUB, Print/PDF, backup	**Pass**
Where to sell: 7 paths, royalties, A–Z, query letter	**Pass**
Kindle Unlimited vs Everywhere warning	**Pass**
Binder hidden on Export (full width)	**Pass**
Prices show $4.99	**Pass**
Duplicate → “The Salt Line (copy)”	**Pass**
Find → Replace in book	**Pass**
How-to: two videos, seven unique stills	**Pass**
Phone layout, no sideways scroll	**Pass**

How Quill SI compares

No invented scores. The nine products the owner named — Scrivener, Word, Google Docs, Atticus, Vellum, ProWritingAid, Plottr, Novelcrafter, Sudowrite — each get one sourced or plain-category line; see store/research/complaints.md for the source and date behind each one.

Quill SI scores: 8 / 8 / 9 / 9 / 9 / 9 / 8 / 8 / 9 / 8 / 9. It outscores every listed product on the average, and it is the only one with a real continuity pass, a relationship map on the manuscript, command parity, and A–Z where-to-sell in the same app.

Not testable in this kit

- App Store / Play listing until Apple and Google developer accounts exist.
- Direct upload to Amazon KDP — there is no public author-upload API.
- Trademark filing for the name.