SIDEBAR AI

Project Core Build Rules Cheat Sheet

Sidebar

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The rules every generated page follows: banner, styling, storage, code blocks, PDFs and git. From `rules/permanent_rules.md` (P1, P2, P4, P6, P11, P12) and `CLAUDE.md`. All paths are relative to `content/` unless stated.

BANNER COMMENT (P1)

`Course:`	The course name in normal case.
`Chapter:`	A snappy 1-3 word title. The site uses it as the page's real title when there is no genuine `<h1>`.
`File: / Topic:`	The actual filename, and one short descriptive phrase.
`Date Created / Date Updated`	ISO `YYYY-MM-DD`, one line, last before the closing divider. Created never changes; Updated is bumped on a real edit.
`older files`	A single-line `COURSE NAME - Chapter N` banner is fine; retrofitting is on request.

STYLING (SHARED STYLESHEETS)

`course.css / course-lesson`	Tech and programming courses.
`language.css / language-lesson`	Basic Conversation and grammar courses.
`kana.css / kana-lesson`	Script courses: hiragana, katakana, alphabets.
`history.css / military.css / scifi.css`	Wrappers `history-lesson`, `military-lesson`, `scifi-lesson`.
`per-course sheet`	`/styles/courses/<course-slug>.css`, linked after the genre sheet.
`wrapper`	`<div class="<genre>-lesson <course-slug>">` around the content.
`new course in a genre`	`py scripts/python/new_course_style.py <sibling> <new> [--recolor #old=#new]`
`never`	A `<style>` block inside a course chapter.

VISIBLE CHAPTER HEADER

`.course-name`	The course name, bold but secondary (about 1.3rem).
`.chapter-sub`	Small breadcrumb, e.g. `Course 1 · Chapter 1 · <name>`.
`no doubling`	Do not print the chapter name as a second large heading: it is already the page title.
`no Chapter: field`	Language lessons, Python lessons and Sidebar lessons need a real `<h1>` or `<h2>` in the body instead.

STORAGE (P2)

`<subject>/<course>/`	Chapter `.html` files sit directly in the course folder, no `html/` subfolder.
`pdfs/ and solutions/`	PDFs and `.txt` exercise solutions, inside the course folder.
`names`	Folder names are lowercase-hyphenated, e.g. `web-servers/nginx-in-depth/`.
`sidebar/<subject>/`	Links, My Tools, Sidebar lessons and cheat sheets.
`never under content/`	Temporary files such as `*_print.html`: the site publishes every `.html` it finds.
`not under content/`	PDF-builder scripts (`scripts/python/`), shared styles (`styles/`), progress reports, project source (`projects/`).

CODE BLOCKS (P12)

`.code-block`	Every code block uses the site's container with highlight spans `.cm .kw .st .vr .fn`. Never a bare `<pre>`.
`indentation`	Correct for the language, not re-wrapped.
`copy button`	Wrap in `.code-block-wrap` with a `.copy-btn` calling `copyCodeBlock(this)`.
`no script`	Do not embed `copyCodeBlock` in a fragment: it lives once in the site layout.
`directory trees`	ASCII with `├──`, `└──`, `│` in a block that really keeps whitespace. Check the rendered page.
`cheat sheets`	No copy button: short inline `<code>` only.

COURSE PDF (P4, P6)

`command`	`py scripts/python/build_course_pdf.py <folder> [--accent "#hex"] [--symbol "DE"] [--label "..."] [--blurb "..."] [--title "..."]`
`output`	`<folder>/pdfs/<Title>_Course.pdf`; the course and chapter names come from the chapters' banners.
`cover`	Dark background, large title in the accent colour, author line, tagline, no page number.
`contents page`	Straight after the cover; lists every chapter with its real start page. Numbering starts here.
`interior`	Dark by default, matching the HTML. Light only if requested.

OTHER PDF BUILDERS

`build_language_lesson_pdf.py <file>`	Single language lesson or Basic Conversation chapter.
`build_python_lesson_pdf.py <file> "<Title>"`	Python lesson or its exercises.
`build_sidebar_lesson_pdf.py <Subject> <file> "<Title>"`	Sidebar lesson.
`build_cheat_sheet_pdf.py <Subject> <file> "<Title>"`	Cheat sheet.
`wrapper files`	Builders write them to the temp folder and delete them.

GIT AND THE MACHINE

`py`	Run Python with `py`; plain `python` is a Store stub on this machine.
`branch main`	Remote `origin` is the private GitHub repository.
`git-ignored`	`*.pdf`, `*.zip`, `*_print.html`.
`before git add -A`	Check `git status` first.
`site rebuild`	Needed after changing a stylesheet in `styles/`; the build copies it to the site.

SNAPSHOT

Snapshot of the rule files as at 2026-11-08, summarised by reading them. Nothing was run to test it. If this sheet and a rule file ever disagree, the rule file wins, and the sheet needs regenerating.