

Helix Code Runner Scripts

Time report · Sep 2 – Sep 17, 2026 · 17 commits · prepared for management

Time accounted for

Two streams. The coding row is derived from git history; the meetings are a flat rate.

STREAM	TIME SPENT
Coding 17 commits, from git history	6.9h
Meetings 3 meetings × 60 min	3.0h
Total	9.9h

How the coding time was measured

The meetings are a flat rate. The coding figure is derived from git history, by the same method as the jira2Bmap report, so the two can be read side by side — worth knowing before quoting it.

Commit-timestamp clustering

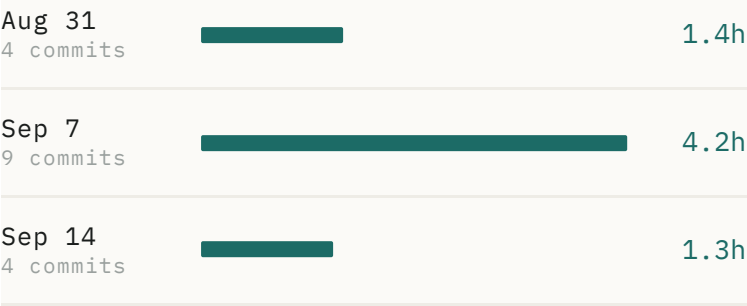
Every counted commit was laid on one timeline. A gap of 90 minutes or less keeps commits in the same work session. A session's time is the span from its first commit to its last, **plus a flat 20-minute lead-in** — an allowance for work done before the session's first commit landed. Without it a one-commit session would score zero. That budget is split across the session's commits, weighted by size and kind.

This stream is short and bursty: eight sessions, five of them a single commit. So the lead-in dominates — **2.7h of the 6.9h is allowance** rather than observed span. Treat the figure as a **floor**. It also starts at the first commit: both scripts were written and demonstrated before Sep 2, when they still sat untracked beside composer.json, and none of that time appears here.

Scope. Commits authored by Kostadin Todorov in businessmap-sa that deliver the two Helix scripts or the platform work those scripts forced — the card-blocking path, the connector and skill fixes they surfaced, and the authoring tooling. Sep 2–17, 2026.

Where the time went

Coding time, by week



By kind of work

Coding time only

Features	7	3.1h
Bug fixes	6	2.5h
Docs	2	0.3h
Other	2	1.0h

Eight commits change the two scripts themselves; the other nine are the engine, skill and tooling changes the delivery forced.

The ledger

Every counted commit, oldest first; the hours are coding time, and sum to the 6.9h above. The largest carry a note on what was actually wrong or added. SCRIPT is the delivered .coderunner file, ENGINE the Code Runner interpreter and connector, SKILL the team's reference docs and linter.

DATE	COMMIT	DESCRIPTION	KIND	LINES	HOURS
WEEK OF AUG 31				4	COMMITTS · 1.4H
Sep 2 10:59	69fe489 SCRIPT	Deliver the two Helix scripts and give them a home outside the repo root close-helix-pp-when-card-done closes a BMC Helix PP record when its Businessmap card reaches Done — JWT login, locate the entry, PUT the status. Shipped alongside the customer's existing script, kept verbatim as the reference for the Helix auth and query shape.	FEAT	249	0.55
Sep 2 11:26	89abf20 SKILL	Split the script-storage rule by surface, and stop asking	DOCS	22	0.23
Sep 3 13:58	334b5fc SCRIPT	Key the Helix PP close on the card's Helix ID The script matched Helix chrIDIssue against the internal Businessmap card id. The account stores a bare Helix number in a card custom field instead, so the lookup matched nothing and every run exited on "no PP record matches".	BUG	42	0.33
Sep 4 11:15	e081ef2 SCRIPT	Send the PP cancellation reason and drop the lookup The card field the script already reads holds the change-request id, which is the record's own key in Helix — so the PUT addresses it directly and the read-before-write, its constant and its loop are gone.	FEAT	122	0.33

DATE	COMMIT	DESCRIPTION	KIND	LINES	HOURS
WEEK OF SEP 7				9 COMMITS ·	4.2H
Sep 8 12:19	26af578 SKILL	Put a script's settings and pills in one block at the top	DOCS	11	0.09
Sep 8 12:19	d746b2a SCRIPT	Pick the Helix PP update from the column the card lands in One move now has two meanings: the done column sets the PP to "Fechada", the cancelled column sets "Cancelada" and carries a justification. A card landing anywhere else exits before any HTTP call, so the rule stays cheap without a filter.	FEAT	241	0.24
Sep 9 11:03	3276295 TOOLING	Ship the CodeRunner syntax extension as an installable vsix .coderunner files rendered as plain text. The extension that fixed it existed on one machine as a hand-copied folder, where it did nothing — VS Code only scans extensions registered in its manifest. Packaged, validated at build time, and committed built.	OTHER	356	0.60
Sep 9 12:11	2f37b3f ENGINE	Block the card a failing script nominates A failed script was invisible to the account it ran in: the execution row and the error card are ours, and the error mail goes to the API key's own user, which nobody reads. A script can now nominate its card, and a failure blocks it with the reason.	FEAT	619	0.77
Sep 9 12:12	5c11b91 SCRIPT	Opt the Helix PP script into card blocking Nominates the card as soon as its id survives the guard — the earliest point the id is known and before the first thing that can fail. Separate from 2f37b3f so it can be reverted on its own.	FEAT	63	0.54
Sep 9 13:32	15d4eae ENGINE	Encode addBlockerToCard's body as JSON The method handed cURL a PHP array, which became multipart/form-data under an application/json header — "The request body is not a valid json". Eleven sibling methods encode first; this one never had a caller, so nothing had exercised it until the error path did.	BUG	72	0.63
Sep 9 13:32	c951475 ENGINE	Block the error card through the connector, and pin the real block reason Two follow-ups from the first live run on the dev Helix board: use the connector's own blocker call instead of a hand-built request, and record the failure that actually happened rather than a generic one.	BUG	51	0.60
Sep 9 14:13	d5d81f4 SCRIPT	Reword the Helix script's error messages	OTHER	12	0.38
Sep 10 10:44	e021b17 ENGINE	Keep user errors off the SA board The SA board exists so we notice a script that has broken. A card arriving without a change-request id is the account's to fix; carding it is noise we act on and they never see. The new guards raised the volume enough to make the split worth drawing.	BUG	115	0.33
WEEK OF SEP 14				4 COMMITS ·	1.3H
Sep 14 13:27	5160197 SCRIPT	Helix daily sync: handle paging and add the comment The customer's reference script becomes a delivered one — b3-helix-daily-sync pages the Helix result set instead of reading the first page, and posts its outcome as a card comment.	FEAT	366	0.33

DATE	COMMIT	DESCRIPTION	KIND	LINES	HOURS
Sep 14 16:27	925156d TOOLING	Strip Code Runner comments for the Business Rule, provably A documented script is about half comments, and nobody wants a page of API notes in a rule editor. Stripping with sed corrupts scripts, so the tool refuses to write unless the stripped file lexes to the identical token stream — the commented file stays the only one anyone edits.	FEAT	513	0.37
Sep 14 16:42	3545e56 SCRIPT	Fix the JSON body issue in the Helix daily sync	BUG	3	0.24
Sep 14 17:03	3500283 SKILL	send_to_bm() does not encode a write body, and crlint could not see it The same 400 as above, traced to the docs: the reference advertised an array body and five examples used it, so anyone following them wrote the failing call. Docs corrected and the linter taught to catch it.	BUG	91	0.33

17 commits · 8 on the scripts / 9 on the engine, skill and tooling · 2,948 lines changed · 7 active days · generated 18 Sep 2026

Coding hours are a floor (20-minute session allowance, 2.7h of the 6.9h); meeting hours are a flat rate.