

/build-plan

Source: `~/ .claude/skills/build-plan/SKILL.md`

name: build-plan version: 2.0

description: > Execute an approved plan using TaskList with builder/validator teams. Use after /plan-with-team creates an approved plan.

Triggers: "execute the plan", "build this", "implement the plan", "run the plan", "/build-plan". argument-hint:

"[path to plan file, or leave empty for latest in ~/system/specs/]" level: 3

/build-plan — Execute Approved Plan

Purpose

Executes a pre-approved plan file using parallel builder/validator TaskList agents. Run AFTER `/plan-with-team` — never execute without an approved plan.

Variables

Variable	Type	Description	Default
<code>plan_path</code>	path	Path to plan file	latest in <code>~/system/specs/</code>
<code>concurrency</code>	number	Parallel builders	3
<code>yolo</code>	flag	Skip browser testing	false

Workflow

Step 1: Load Plan

- if `$ARGUMENTS` provided → use as `plan_path`
- else → find latest plan: `ls -t ~/system/specs/*.md | head -1`
- Read plan file, verify it has: [] task checkboxes + acceptance criteria

Step 2: Validate Prerequisites

- Check: does plan have approval marker? (`## APPROVED` section or `status: approved`)
- if not approved → STOP, tell user to run `/plan-with-team` first
- Check: are required services running? (DB, relevant tools)

Step 3: Activate Build Mode

```
node ~/system/tools/build-mode.js start <project_dir> --concurrency <N>
```

Builder completion flow

Builders call `node ~/system/tools/mc.js ready <id>` NOT `mc.js done`. Only after Proveo/validator verification can tasks be marked done. Build-plan CANNOT report COMPLETE until all tasks pass Proveo verification.

Step 4: Execute Tasks (parallel where independent)

For each [] task in plan:

- if task has no dependencies → spawn in parallel with builder agent
- if task has dependencies → wait for dep completion, then spawn
- Each builder: reads task spec, implements, marks [x] when done

Step 5: Validate Each Task

After each task completes → spawn validator agent:

- Runs tests relevant to task
- Checks acceptance criteria
- if FAIL → send back to builder with failure context
- if PASS → proceed

Step 6: Final Check

- All tasks [x]? → run full test suite
- if PASS → `node ~/system/tools/build-mode.js stop --status completed`
- if FAIL → `node ~/system/tools/build-mode.js stop --status failed` + report

Report Format

```
BUILD-PLAN EXECUTION REPORT
Plan: [filename]
Status: [COMPLETE|PARTIAL|FAILED]
Tasks: X/Y completed
Tests: [passing/total]
Duration: [time]
Issues: [any blockers or failures]
```

\$ARGUMENTS

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