⚡ Task Master AI - Quick Reference

AI-Powered Task Management for Development Projects • github.com/eyaltoledano/claude-task-master

🚀 SETUP & INIT

`task-master init`
Initialize new project with Task Master

`task-master parse-prd <file>`
Parse PRD and generate initial tasks

`task-master generate`
Generate task files from tasks.json

📋 VIEW TASKS

`task-master list`
List all tasks with status overview

`task-master list --status=<status>`
Filter tasks by status

`task-master list --with-subtasks`
Include subtasks in listing

`task-master next`
Show next task to work on

`task-master show <id>`
Show specific task details

`task-master show 1.2`
View specific subtask

✏️ UPDATE TASKS

`task-master update --from=<id> --prompt="..."`
Update from specific task

`task-master update-task --id=<id> --prompt="..."`
Update single task

`task-master update-subtask --id=<id> --prompt="..."`
Append to subtask

🎯 TASK STATUS

`task-master set-status --id=<id> --status=<status>`
Set single task status

`task-master set-status --id=1,2,3 --status=<status>`
Bulk status update

`task-master set-status --id=1.1,1.2 --status=<status>`
Update subtask status

🔍 EXPAND & RESEARCH

`task-master expand --id=<id> --num=<n>`
Expand task with subtasks

`task-master expand --all`
Expand all pending tasks

`task-master expand --id=<id> --research`
Research-backed expansion

`task-master expand --all --force`
Force regenerate subtasks

📊 ANALYSIS

`task-master analyze-complexity`
Analyze all task complexity

`task-master complexity-report`
Display complexity report

`task-master analyze-complexity --research`
Research-backed analysis

`task-master analyze-complexity --threshold=6`
Custom complexity threshold

🔗 DEPENDENCIES

`task-master add-dependency --id=<id> --depends-on=<id>`
Add task dependency

`task-master remove-dependency --id=<id> --depends-on=<id>`
Remove dependency

`task-master validate-dependencies`
Validate dependencies

`task-master fix-dependencies`
Auto-fix dependencies

✔️ MAINTENANCE

`task-master clear-subtasks --id=<id>`
Clear subtasks from task

`task-master clear-subtasks --all`
Clear all subtasks

`task-master add-task --prompt="..."`
Add new task with AI

`task-master add-task --prompt="..." --dependencies=1,2`
Add task with dependencies

💬 MCP CHAT COMMANDS

`Initialize taskmaster-ai in my project`
Set up Task Master

`Parse my PRD at .taskmaster/docs/prd.txt`
Parse requirements

`What's the next task I should work on?`
Get next task

`Help me implement task 3`
Get AI assistance

`Show me tasks 1, 3, 5`
View multiple tasks

`Expand task 4`
Break into subtasks

`Research best practices for [topic]`
Research-backed info

`Change main model to claude-code/sonnet`
Switch AI model

🔲 Research Flag

- Add `--research` to update-task, update-subtask, expand, or analyze-complexity
- Uses Perplexity AI for research-backed enhancements
- Requires PERPLEXITY_API_KEY in config
- Example: `task-master expand --id=5 --research`

⚙️ Quick Tips

- **Task IDs:** Use comma-separated: 1,2,3
- **Subtasks:** Reference as parentId.subtaskId (e.g., 5.2)
- **Statuses:** pending, in-progress, completed, review, deferred, cancelled
- **MCP Mode:** Use natural language in editor chat
- **Claude Code:** No API key needed with local Claude