

Schema

English |

```
ctx.tools {
  name
  description
  JSON Schema
  parameters {
    cordis-surface
  }
}
agent {
  pnpm run verify-tool-catalog doc-sync
  ctx.tools.schemas()
  schema Cordis
  AS
  packages/*/tool-*
  manifest
  Agent Note
  packages/*/tool-*
  tool-subagent {
    toolName
    examples/
  }
  echo
  Cordis
```



seam JSON Schema

@deepseek-ai/dsh-tool-ask-user	ask_user_question	ctx.tools { ctx.userQuestions	tool/call { tool/result after a UI/provider answers the question	-	ask_user_question n UI
@deepseek-ai/dsh-tools	run_code	ctx.tools { ctx.codeRuntime (execution time) ctx.systemPrompt	tool/call { one tool/code-dispatch-start + tool/code-dispatch pair per bridged sub-call tool/result	-	[mode: ptc mode: both Agent Note { ptc wire for binding maxParallelSubCalls
@deepseek-ai/dsh-plan-mode	exit_plan_mode	ctx.tools { ctx.systemPrompt { ctx.userQuestions (execution time, opportunistic)	tool/call { plan/mode inactive on an approved review tool/result	-	exit_plan_mode schema
@deepseek-ai/dsh-tool-bash	bash	ctx.tools { ctx.shell { ctx.systemPrompt { ctx.shellEnv { ctx.jobs at call time for run_in_background	tool/call { tool/result	-	bash { bash { run_in_background [ctx.jobs] job_* @deepseek-ai/dsh-tool-jobs enableRunInBackground und true

名称	语言	上下文	工具	配置	描述
@deepseek-ai/dsh-tool-pwsh	pwsh	ctx.tools ctx.shell ctx.systemPrompt ctx.shellEnv ctx.jobs at call time for run_in_background	tool/call tool/result	-	pwsh 在 Windows 上运行 bash 在 Linux 上运行 PowerShell 在 Windows 上运行 @deepseek-ai/dsh-pwsh-local PowerShell 在 Windows 上运行 ctx.shell 在 Windows 上运行 run_in_background [ctx.jobs] [job_* DSH_* @deepseek-ai/dsh-shell-env C:\... [\$env:NAME
@deepseek-ai/dsh-tool-cordis	cordis_define cordis_inspect_list cordis_inspect_query cordis_inspect_self cordis_run cordis_stop cordis_undefine	ctx.tools ctx.dynamicCordisRunner	tool/call tool/result process-local dynamic package lifecycle	-	.agents/notes/implemented/feature/2026-07-08-self-referential-cordis-toolset.md @deepseek-ai/dsh-cordis-host-runner ctx.dynamicCordisRunner nner Package DSH
@deepseek-ai/dsh-tool-bash-persistent	bash	ctx.tools ctx.terminals an owning Agent at execution time	tool/call PTY shell state tool/result	-	bash 在 Linux 上运行
@deepseek-ai/dsh-tool-pwsh-persistent	pwsh	ctx.tools ctx.terminals an owning Agent at execution time	tool/call PTY shell state tool/result	-	pwsh 在 Windows 上运行 Windows 在 Windows 上运行 PTY 在 Windows 上运行
@deepseek-ai/dsh-tool-str-replace-editor	str_replace_editor	ctx.tools ctx.fs	tool/call fs/observed after view presence/absence, edit absence, or successful mutation tool/result	-	seam 在 Windows 上运行
@deepseek-ai/dsh-tool-fs	edit read read_image write	ctx.tools ctx.fs ctx.systemPrompt ctx.attachments (image-tool registration) ctx.llm + an image-capable route (image-tool execution)	tool/call fs/write-intent or fs/edit-intent for mutations fs/observed after read presence/absence or successful file operation durable attachment (read_image) tool/result	-	@deepseek-ai/dsh-fs-observation-policy fs/* ctx.attachments schema

Tool	Tool Parameters	Context	Tool Calls	Tool Results	Tool Output
@deepseek-ai/dsh-tool-fs-search	glob grep	ctx.tools [] ctx.subprocess [] ctx.systemPrompt	tool/call [] tool/result	-	glob [] grep [] ctx.subprocess spawn [] ripgrep @vscode/ripgrep [] rg [] shell [] sampleOverCapGlob Results: true [] ctx.spillStore []
@deepseek-ai/dsh-tool-terminal	terminal_close [] terminal_list [] terminal_open [] terminal_read [] terminal_send [] terminal_signal	ctx.tools [] ctx.terminals [] ctx.systemPrompt [] ctx.jobs at call time for run_in_background	tool/call [] tool/result	-	6 [] terminal_send(run_in_ _background: true) [] ctx.jobs []schema [] TUI[]BEL[]
@deepseek-ai/dsh-tool-goal	create_goal [] get_goal [] update_goal	ctx.tools [] ctx.agents [] ctx.goals [] ctx.systemPrompt [] a calling Agent in an authorized open turn	tool/call [] goal/change for mutations [] tool/result	-	create[]edit[]pause [] resume [] [] blocked [] C Round[]blocked [] Round[]
@deepseek-ai/dsh-schedule	schedule_create [] schedule_delete [] schedule_list	ctx.tools [] ctx.sessions []Session [] live Agent create or delete []	tool/call [] schedule/change tool/result	-	[] Schedule [] Agent scope [] after_seconds[] every_seconds[] session-local [] Session [] barrier[]
@deepseek-ai/dsh-tool-lsp	lsp	ctx.tools ctx.lsp [] ctx.systemPrompt	tool/call [] tool/result	-	Lsp [] schema [] @deepseek-ai/dsh- lsp-stdio [] LSP_UNAVAILABLE [] schema[]
@deepseek-ai/dsh-tool-ralph	ralph	ctx.tools [] ctx.workflowEngine [] ctx.subagents [] ctx.systemPrompt [] a calling Agent (exec.agent parents every fresh round)	tool/call [] tool/result [] workflow and child session events during execution	-	[] Round
@deepseek-ai/dsh-tool-skill	skill	ctx.tools [] ctx.agents [] ctx.skills	tool/call [] tool/result [] user/message replacement catalogs via agent.inject()	-	-
@deepseek-ai/dsh-tool-session-query	session_event_read session_event_search [] session_event_trace session_search [] session_trace	ctx.tools [] ctx.systemPrompt [] ctx.sessionQuery [] a calling Agent for workspace authority	tool/call [] tool/result	-	5 []

名称	子工具	父工具	工具描述	工具属性	工具用法
@deepseek-ai/dsh-tool-subagent	list_subagent_models subagent	ctx.tools ctx.subagents ctx.systemPrompt ctx.llm	tool/call tool/result child session events through the chosen provider	subagent subagent_fork	[toolName subagent schema Web pre Session subagent_fork modelSelectionSettings backgroundMode enableRunInBackground und
@deepseek-ai/dsh-tool-subagent-control	interrupt_agent list_agents send_message	ctx.tools ctx.subagents ctx.agents and ctx.sessionProjections (list_agents only)	tool/call tool/result child session events through ctx.subagents	-	subagent send_message interrupt_agent list_agents sessionProjections Agent
@deepseek-ai/dsh-tool-jobs	job_kill job_list job_output	ctx.tools ctx.jobs ctx.systemPrompt	tool/call tool/result user/message via agent.inject() for background completion notices	-	subagent ctx.jobs.start()
@deepseek-ai/dsh-experimental-tool-agent-team	followup_task interrupt_agent list_agents send_message spawn_teammate team_task_create team_task_get team_task_list team_task_update wait_agent	ctx.tools ctx.systemPrompt ctx.agentTeams an exact live Team member Agent	tool/call team/member team/message/queued team/message/delivered team/task tool/result	-	10 Team teammate base bundle Agent Teams profile patch continuable child
@deepseek-ai/dsh-tool-todo	todo_write	ctx.tools owning Agent session	tool/call todo/write tool/result	-	todo_write todo/write allowParallelInProgress in_progress continuable child
@deepseek-ai/dsh-tool-workflow	workflow	ctx.tools ctx.workflowEngine ctx.systemPrompt a calling Agent (exec.agent parents the script children)	tool/call tool/result	-	-
@deepseek-ai/dsh-tool-web	web_fetch web_search	ctx.tools ctx.web ctx.systemPrompt	tool/call tool/result	-	web_search web_fetch ctx.web

@deepseek-ai/dsh-tool-ask-user

ask_user_question

id id

```
{
  "type": "object",
  "properties": {
    "questions": {
      "type": "array",
      "description": "Questions to ask the user before continuing.",
      "items": {
        "type": "object",
        "additionalProperties": true,
        "properties": {
          "id": {
            "type": "string",
            "description": "Stable id for this question; echoed in the answer."
          },
          "question": {
            "type": "string",
            "description": "The specific question to ask the user."
          },
          "header": {
            "type": "string",
            "description": "Optional short heading for the question, such as \"Confirm\" or \"Choose Mode\"."
          },
          "options": {
            "type": "array",
            "description": "Optional choices to show the user. If you recommend one, put it first and append \"(Recommended)\" to that label.",
            "items": {
              "type": "object",
              "additionalProperties": true,
              "properties": {
                "label": {
```

```

        "type": "string",
        "description": "Short user-facing option label."
    },
    "description": {
        "type": "string",
        "description": "One sentence explaining the tradeoff or impact."
    }
},
"required": [
    "label"
]
}
},
"multi_select": {
    "type": "boolean",
    "description": "Whether the user may select more than one option. Defaults to false."
}
},
"required": [
    "id",
    "question"
]
}
}
},
"required": [
    "questions"
]
}
}

```

[packages/interaction/tool-ask-user/src/index.ts](#)

ask_user_question UI

@deepseek-ai/dsh-tools

run_code

Type

code

await

return

description

await tools.name(args)

```
{
  "type": "object",
  "properties": {
    "code": {
      "type": "string",
      "description": "The program: the body of an async TypeScript function."
    },
    "description": {
      "type": "string",
      "description": "Clear, concise description of what this program does in active voice, 5-10 words (shown in the UI). Examples: \"Count TODO markers across packages\"; \"Read failing test and its fixture\"; \"Rename config key in every cordis.yml\"."
    }
  },
  "required": [
    "code",
    "description"
  ]
}
```

[packages/core/tools/src/ptc.ts](#)

mode: ptc

mode: both

ptc

PTC mode

maxParallelSubCalls

SDK

@deepseek-ai/dsh-plan-mode

exit_plan_mode

Markdown

#

```
{
  "type": "object",
  "properties": {
    "plan": {
      "type": "string",
      "description": "The complete plan, as markdown, starting with a # heading that names it."
    }
  }
}
```

```
    }
  },
  "required": [
    "plan"
  ]
}
```

[packages/plan/plan-mode/src/index.ts](#)

exit_plan_mode schema

@deepseek-ai/dsh-tool-bash

bash

bas bash -c stdout/stderr workdir [cd [exit code: N] wd name: \$DSH_* [sandbox: file access [denied under <mode> mode] [run_in_background: true job_output job_kill

```
{
  "type": "object",
  "properties": {
    "command": {
      "type": "string",
      "description": "The bash command to execute."
    },
    "description": {
      "type": "string",
      "description": "Clear, concise description of what this command does in active voice, 5-10 words (shown in the UI). Examples: \"ls\" → \"List files in current directory\"; \"git status\" → \"Show working tree status\"; \"npm install\" → \"Install package dependencies\"."
    },
    "timeoutMs": {
      "type": "number",
      "description": "Timeout in milliseconds. The executor applies its configured default and cap, and kills the command on expiry."
    },
    "workdir": {
      "type": "string",
```

"description": "Working directory for this command. Defaults to the session workspace; a relative path is resolved against it."

```
},
"run_in_background": {
  "type": "boolean",
  "description": "Run in the background and return a job id immediately (collect with job_output, stop with job_kill). No timeout applies."
},
"required": [
  "command",
  "description"
]
}
```

[packages/shell/tool-bash/src/index.ts](#)

```
bash [ ] bash [ ] run_in_background [ ctx.jobs [ job_* [ @deepseek-ai/dsh-tool-jobs [ enableRunInBackground
true[ ]
```

@deepseek-ai/dsh-tool-pwsh

pwsh

```
[ ] PowerShell pwsh -Command [ ] stdout/stderr[ ] workdir [ cd [ ] Win C:\... [ $env:NAME [ [exit [ ]
code: N] [ ] harn: $env:DSH_* [ [sandbox: file access denied under <mode> mode] [ ] [exit code: 1] [ ]
run_in_background: true [ ] job_output [ ] job_kill [ ]
```

```
{
  "type": "object",
  "properties": {
    "command": {
      "type": "string",
      "description": "The PowerShell command to execute."
    },
    "description": {
      "type": "string",
      "description": "Clear, concise description of what this command does in active voice, 5-10 words (shown in
```

the UI). Examples: `\\"ls\\" → \\"List files in current directory\\"; \\"git status\\" → \\"Show working tree status\\"; \\"Get-Process\\" → \\"List running processes\\".`

```
  },
  "timeoutMs": {
    "type": "number",
    "description": "Timeout in milliseconds. The executor applies its configured default and cap, and kills the command on expiry."
  },
  "workdir": {
    "type": "string",
    "description": "Working directory for this command. Defaults to the session workspace; a relative path is resolved against it."
  },
  "run_in_background": {
    "type": "boolean",
    "description": "Run in the background and return a job id immediately (collect with job_output, stop with job_kill). No timeout applies."
  }
},
"required": [
  "command",
  "description"
]
```

[packages/shell/tool-pwsh/src/index.ts](#)

```
pwsh [Windows] [bash] [seam] [Po] @deepseek-ai/dsh-pwsh-local [PowerShell] [ctx.shell] [run_in_background] [ctx.jobs] [job_*] [DSH_*] @deepseek-ai/dsh-shell-env [C:\...] [env:NAME]
```

@deepseek-ai/dsh-tool-cordis

cordis_define

[Cordis Package] [Plugin] [kind:"new"] [3] [6] [Host] [pluginId] [package] [code.host] [code.client] [Cordis Plugin] [plain JavaScript] [TypeS] [Service] [Event] [Builtin] [Slot] [token] [Inspect] [Define] [apply] [currentPac]

```
{
  "type": "object",
  "properties": {
    "plugin": {
      "oneOf": [
        {
          "type": "object",
          "additionalProperties": false,
          "properties": {
            "kind": {
              "type": "string",
              "const": "new"
            },
            "idPrefix": {
              "type": "string",
              "description": "Suggested semantic prefix of 3-6 lowercase English letters; the Host adds a unique
numeric suffix."
            }
          },
        },
        {
          "required": [
            "kind",
            "idPrefix"
          ],
        },
        {
          "type": "object",
          "additionalProperties": false,
          "properties": {
            "kind": {
              "type": "string",
              "const": "existing"
            },
            "pluginId": {
              "type": "string",
              "description": "Exact ID of an existing Plugin; the new Package is appended to that instance."
            }
          },
        },
        {
          "required": [
            "kind",
            "pluginId"
          ],
        }
      ]
    }
  }
}
```

```

    ]
  }
]
},
"name": {
  "type": "string",
  "description": "Short, readable Package name."
},
"purpose": {
  "type": "string",
  "description": "One-sentence, user-facing description of the Package purpose."
},
"code": {
  "type": "object",
  "additionalProperties": false,
  "properties": {
    "host": {
      "type": "string",
      "description": "Plain JavaScript function body that returns the Host-half Cordis Plugin."
    },
    "client": {
      "type": "string",
      "description": "Plain JavaScript function body that returns the browser Client-half Cordis Plugin."
    }
  }
}
},
"required": [
  "plugin",
  "name",
  "purpose",
  "code"
]
}

```

<packages/extensions/tool-cordis/src/index.ts>

cordis_inspect_list

Host Cordis Inspect Provider Host Provider Client manifest
cordis_inspect_query provider method Inspect method Plugin Service

```
{
  "type": "object",
  "properties": {}
}
```

<packages/extensions/tool-cordis/src/index.ts>

cordis_inspect_query

Inspect Provider platform provider method cordis_inspect_list input schema
Service Event mode Builtin Tool schema token Slot props Host Client
Service.listService Event.listEvents input service event Slots.

```
{
  "type": "object",
  "properties": {
    "platform": {
      "type": "string",
      "description": "Runtime platform that owns the Provider.",
      "enum": [
        "host",
        "client"
      ]
    },
    "provider": {
      "type": "string",
      "description": "Exact Provider ID returned by cordis_inspect_list."
    },
    "method": {
      "type": "string",
      "description": "Exact method name declared by the Provider manifest."
    },
    "input": {
      "description": "Optional query input; it must satisfy the method input schema."
    }
  },
  "required": [
```

```
"platform",
"provider",
"method"
]
}
```

<packages/extensions/tool-cordis/src/index.ts>

cordis_inspect_self

Session Cordis ID Plugin pluginId Run Package
packageId @pluginId Package Tool

```
{
  "type": "object",
  "properties": {
    "pluginId": {
      "type": "string",
      "description": "Stable Plugin ID returned by cordis_define or injected by @pluginId; omit it to list every current Plugin."
    },
    "packageId": {
      "type": "string",
      "description": "Exact immutable Package ID owned by pluginId; when specified, source and diagnostics are returned."
    }
  }
}
```

<packages/extensions/tool-cordis/src/index.ts>

cordis_run

Plugin Package currentPackageId mode:"run" current Plugin
Package awaiting-approval Package starting Tool
cordis_inspect_self Plugin

```
{
  "type": "object",
  "properties": {
```

```

"pluginId": {
  "type": "string",
  "description": "Stable Plugin ID returned by cordis_define."
},
"packageId": {
  "type": "string",
  "description": "Exact immutable Package ID to activate under that Plugin."
},
"mode": {
  "type": "string",
  "description": "Use run for the first activation, restarting current, or rollback; use update to switch from
current to a different Package.",
  "enum": [
    "run",
    "update"
  ]
},
"required": [
  "pluginId",
  "packageId",
  "mode"
]
}

```

<packages/extensions/tool-cordis/src/index.ts>

cordis_stop

Plugin Run Plugin Package currentPackageId nextPackageId

```

{
  "type": "object",
  "properties": {
    "pluginId": {
      "type": "string",
      "description": "Stable dynamic Plugin ID to stop."
    }
  },
  "required": [

```

```
    "pluginId"
  ]
}
```

[packages/extensions/tool-cordis/src/index.ts](#)

cordis_undefine

Session Plugin Package pluginId packageIds

```
{
  "type": "object",
  "properties": {
    "pluginId": {
      "type": "string",
      "description": "Stable dynamic Plugin ID to remove permanently."
    }
  },
  "required": [
    "pluginId"
  ]
}
```

[packages/extensions/tool-cordis/src/index.ts](#)

Package .agents/notes/implemented/feature/2026-07-08-self-
@deepseek-ai/dsh-cordis-host-runner [ctx.dynamicCordisRunner vm Package

@deepseek-ai/dsh-tool-bash-persistent

bash

bash shell agent

```
{
  "type": "object",
  "properties": {
    "command": {
```

```
"type": "string",
  "description": "The bash command to run. Relative path is preferred in the command."
},
"required": [
  "command"
]
```

[packages/shell/tool-bash-persistent/src/index.ts](#)

bash PTY

@deepseek-ai/dsh-tool-pwsh-persistent

pwsh

PowerShell shell agent

```
{
  "type": "object",
  "properties": {
    "command": {
      "type": "string",
      "description": "The PowerShell command to run. Relative path is preferred in the command."
    }
  },
  "required": [
    "command"
  ]
}
```

[packages/shell/tool-pwsh-persistent/src/index.ts](#)

pwsh bash Windows pwsh PTY

@deepseek-ai/dsh-tool-str-replace-editor

str_replace_editor

- []
- [path view [cat -n [path view [] 2 []
- [create [path []
- [command [<response clipped>
- [null [str replace.new str [null []

[str replace]

- old_str []
- [old_str] [old_str]
- new_str [old_str]

```
{
  "type": "object",
  "properties": {
    "command": {
      "type": "string",
      "description": "The commands to run. Allowed options are: `view`, `create`, `str_replace`, `insert`.",
      "enum": [
        "view",
        "create",
        "str_replace",
        "insert"
      ]
    },
    "path": {
      "type": "string",
      "description": "Absolute path to file or directory, e.g. `/repo/file.py` or `/repo`."
    },
    "file_text": {
      "oneOf": [
        {
          "type": "string"
        }
      ]
    }
  }
}
```

```

{
  "type": "null"
}
],
"description": "Required string parameter of `create` command, with the content of the file to be created. A
null placeholder is treated as omitted by commands that do not use this parameter."
},
"insert_line": {
  "oneOf": [
    {
      "type": "integer"
    },
    {
      "type": "null"
    }
  ],
  "description": "Required integer parameter of `insert` command. The `new_str` will be inserted AFTER the
line `insert_line` of `path`. A null placeholder is treated as omitted by commands that do not use this
parameter."
},
"new_str": {
  "oneOf": [
    {
      "type": "string"
    },
    {
      "type": "null"
    }
  ],
  "description": "Optional string parameter of `str_replace` command containing the new string (if omitted, no
string will be added). Required string parameter of `insert` command containing the string to insert. A null
placeholder is accepted only by commands that do not use this parameter."
},
"old_str": {
  "oneOf": [
    {
      "type": "string"
    },
    {
      "type": "null"
    }
  ]
}

```

```
    }
  ],
  "description": "Required string parameter of `str_replace` command containing the string in `path` to
replace. A null placeholder is treated as omitted by commands that do not use this parameter."
},
"view_range": {
  "oneOf": [
    {
      "type": "array",
      "items": {
        "type": "integer"
      }
    },
    {
      "type": "null"
    }
  ],
  "description": "Optional parameter of `view` command when `path` points to a file. If omitted or null, the full
file is shown. If provided, the file will be shown in the indicated line number range, e.g. [11, 12] will show lines
11 and 12. Indexing at 1 to start. Setting `[start_line, -1]` shows all lines from `start_line` to the end of the file."
}
},
"required": [
  "command",
  "path"
]
}
```

[packages/fs/tool-str-replace-editor/src/index.ts](#)

seam shell

@deepseek-ai/dsh-tool-fs

edit

UTF-8

```
{
  "type": "object",
  "properties": {
    "file_path": {
      "type": "string",
      "description": "Path to edit, resolved by the filesystem backend."
    },
    "old_string": {
      "type": "string",
      "description": "Literal text to replace. Must match exactly."
    },
    "new_string": {
      "type": "string",
      "description": "Literal replacement text. Use an empty string to delete the match."
    },
    "replace_all": {
      "type": "boolean",
      "description": "Replace all matches. Defaults to false; when false, old_string must appear exactly once."
    }
  },
  "required": [
    "file_path",
    "old_string",
    "new_string"
  ]
}
```

[packages/fs/tool-fs/src/index.ts](https://github.com/atom/atom/blob/master/packages/fs/tool-fs/src/index.ts)

read

UTF-8

```
{
  "type": "object",
  "properties": {
    "file_path": {
      "type": "string",
      "description": "Path to read, resolved by the filesystem backend."
    },
  },
}
```

```
"offset": {
  "type": "number",
  "description": "1-based first line to return. Defaults to 1."
},
"limit": {
  "type": "number",
  "description": "Maximum number of lines to return. Defaults to 2000."
},
"required": [
  "file_path"
]
```

[packages/fs/tool-fs/src/index.ts](#)

read_image

PNG/JPEG/WebP/GIF Harness

```
{
  "type": "object",
  "properties": {
    "file_path": {
      "type": "string",
      "description": "Path to the image file, resolved by the filesystem backend."
    }
  },
  "required": [
    "file_path"
  ]
}
```

[packages/fs/tool-fs/src/index.ts](#)

write

UTF-8

```
{
  "type": "object",
  "properties": {
    "file_path": {
      "type": "string",
      "description": "Path to write, resolved by the filesystem backend."
    },
    "content": {
      "type": "string",
      "description": "Full UTF-8 text content to write."
    }
  },
  "required": [
    "file_path",
    "content"
  ]
}
```

[packages/fs/tool-fs/src/index.ts](#)

@deepseek-ai/dsh-fs-observation-policy fs/* ctx.attachments schema

@deepseek-ai/dsh-tool-fs-search

glob

glob VCS 100

```
{
  "type": "object",
  "properties": {
    "pattern": {
      "type": "string",
      "description": "Glob pattern to match file paths against (e.g. \"**/*.ts\", \"src/**/*.test.js\"). A pattern with no \"\\\"/\" matches the basename at any depth, so \"*\" and \"*.ts\" both search the whole tree; include a separator to anchor the depth."
    },
    "path": {
```

```

    "type": "string",
    "description": "Directory to search in. Defaults to the session workspace; a relative path resolves against it."
  },
  "required": [
    "pattern"
  ]
}

```

[packages/fs/tool-fs-search/src/index.ts](#)

grep

ripgrep 250 read

```

{
  "type": "object",
  "properties": {
    "pattern": {
      "type": "string",
      "description": "Regular expression to search for (ripgrep syntax)."
    },
    "path": {
      "type": "string",
      "description": "File or directory to search. Defaults to the session workspace; a relative path resolves against it."
    },
    "include": {
      "type": "string",
      "description": "One glob filter for which files to search (e.g. \"*.ts\", \"*.js,jsx\"). Not a list; negation is not supported."
    }
  },
  "required": [
    "pattern"
  ]
}

```

[packages/fs/tool-fs-search/src/index.ts](#)

glob grep ctx.subprocess s @vscode/ripgrep rg sampleOverCapGlobResults: true
ctx.spillStore

@deepseek-ai/dsh-tool-terminal

terminal_close

```
{
  "type": "object",
  "properties": {
    "sessionId": {
      "type": "string",
      "description": "Terminal session id."
    }
  },
  "required": [
    "sessionId"
  ]
}
```

[packages/terminal/tool-terminal/src/index.ts](#)

terminal_list

agent

```
{
  "type": "object",
  "properties": {}
}
```

[packages/terminal/tool-terminal/src/index.ts](#)

terminal_open

shell REPL

```
{
  "type": "object",
  "properties": {
    "type": {
      "type": "string",
      "description": "Registered terminal backend type, usually \"shell\"."
    },
    "name": {
      "type": "string",
      "description": "Optional owner-local display name such as \"main\" or \"gdb\"."
    },
    "cwd": {
      "type": "string",
      "description": "Initial working directory. Defaults to the deployment workspace root."
    }
  },
  "required": [
    "type"
  ]
}
```

[packages/terminal/tool-terminal/src/index.ts](#)

terminal_read



```
{
  "type": "object",
  "properties": {
    "sessionId": {
      "type": "string",
      "description": "Terminal session id."
    },
    "offset": {
      "type": "number",
      "description": "Newest-relative line offset (default 0)."
    },
    "count": {
      "type": "number",

```

```

    "description": "Requested line count (default 500; backend caps apply).",
  },
  "required": [
    "sessionId"
  ]
}

```

[packages/terminal/tool-terminal/src/index.ts](#)

terminal_send

Enter stdin job_output job_kill job id

```

{
  "type": "object",
  "properties": {
    "sessionId": {
      "type": "string",
      "description": "Terminal session id returned by terminal_open or terminal_list."
    },
    "text": {
      "type": "string",
      "description": "UTF-8 text to write to the terminal."
    },
    "submit": {
      "type": "boolean",
      "description": "Submit Enter after text (default true). Set false for control characters or incomplete REPL input."
    },
    "run_in_background": {
      "type": "boolean",
      "description": "Return a job id immediately; collect with job_output or stop with job_kill."
    }
  },
  "required": [
    "sessionId",
    "text"
  ]
}

```

[packages/terminal/tool-terminal/src/index.ts](https://github.com/terminal/terminal/blob/master/packages/terminal/tool-terminal/src/index.ts)

```
terminal_signal
```

```
{
  "type": "object",
  "properties": {
    "sessionId": {
      "type": "string",
      "description": "Terminal session id."
    },
    "signal": {
      "type": "string",
      "description": "Signal to deliver. Shell-targeted SIGKILL is rejected; use terminal_close.",
      "enum": [
        "SIGINT",
        "SIGTERM",
        "SIGKILL",
        "SIGTSTP",
        "SIGHUP"
      ]
    }
  },
  "required": [
    "sessionId",
    "signal"
  ]
}
```

[packages/terminal/tool-terminal/src/index.ts](#)

```
6 terminal_send(run_in_background: true) [ctx.jobs schema TUI BEL agent ]
```

@deepseek-ai/dsh-tool-goal

```
create_goal
```

Goal Round

```
{
  "type": "object",
  "properties": {
    "objective": {
      "type": "string",
      "description": "The concrete completion objective inferred from the direct human request."
    },
    "max_goal_rounds": {
      "type": "number",
      "description": "Optional positive safe-integer limit on automatic continuation rounds."
    }
  },
  "required": [
    "objective"
  ]
}
```

[packages/goal/tool-goal/src/index.ts](#)

get_goal

id Round Round

```
{
  "type": "object",
  "properties": {}
}
```

[packages/goal/tool-goal/src/index.ts](#)

update_goal

revision edit pause resume complete blocked Rou

```
{
  "type": "object",
  "properties": {
    "goal_id": {
```

```
"type": "string",
"description": "Exact id returned by get_goal."
},
"revision": {
  "type": "number",
  "description": "Exact positive revision returned by get_goal."
},
"action": {
  "type": "string",
  "description": "edit | pause | resume | complete | blocked",
  "enum": [
    "edit",
    "pause",
    "resume",
    "complete",
    "blocked"
  ]
},
"objective": {
  "type": "string",
  "description": "Replacement objective; valid only with action edit."
},
"max_goal_rounds": {
  "type": "number",
  "description": "Replacement cap; valid only with action edit."
},
"blocked_reason": {
  "type": "string",
  "description": "Concrete blocking condition; required only with action blocked."
}
},
"required": [
  "goal_id",
  "revision",
  "action"
]
}
```

@deepseek-ai/dsh-schedule

schedule_create

prompt selector after_seconds at 300

```
{
  "type": "object",
  "properties": {
    "prompt": {
      "type": "string",
      "description": "Reminder content to present when the target becomes due."
    },
    "after_seconds": {
      "type": "number",
      "description": "Positive safe-integer delay in seconds."
    },
    "every_seconds": {
      "type": "number",
      "description": "Fixed-rate safe-integer interval in seconds, at least 300."
    },
    "at": {
      "oneOf": [
        {
          "type": "string"
        },
        {
          "type": "object",
          "additionalProperties": false,
          "properties": {
            "date": {
              "type": "string"
            },
            "time": {
              "type": "string"
            }
          }
        }
      ]
    }
  }
}
```

```

    },
    "time_zone": {
      "type": "string"
    }
  },
  "required": [
    "date",
    "time",
    "time_zone"
  ]
}
],
"description": "Absolute target as strict offset RFC 3339 or local date/time with an explicit IANA zone."
}
},
"required": [
  "prompt"
]
}
}

```

schedule_delete

```
{
  "type": "object",
  "properties": {
    "id": {
      "type": "string",
      "description": "Exact session-local schedule id."
    }
  },
  "required": [
    "id"
  ]
}
```

schedule_list

idUTC scheduled overdue session-local

```
{
  "type": "object",
  "properties": {}
}
```

[packages/schedule/schedule/src/tools.ts](#)

Schedule live Agent scope 1 after_seconds at every_seconds

@deepseek-ai/dsh-tool-lsp

lsp

operation goToDefinition findReferences goToImplementation hover line char findReferences

```
{
  "type": "object",
  "properties": {
    "operation": {
      "type": "string",
      "description": "goToDefinition, findReferences, goToImplementation, or hover.",
      "enum": [
        "goToDefinition",
        "findReferences",
        "goToImplementation",
        "hover"
      ]
    },
    "file_path": {
      "type": "string",
      "description": "The source file to query, relative to the workspace or absolute."
    },
    "line": {
```

```
    "type": "number",
    "description": "One-based line of the cursor."
  },
  "character": {
    "type": "number",
    "description": "One-based UTF-16 column of the cursor."
  }
},
"required": [
  "operation",
  "file_path",
  "line",
  "character"
]
```

[packages/lsp/tool-lsp/src/index.ts](#)

lsp @deepseek-ai/dsh-lsp-stdio LSP_UNAVAILABLE schema

@deepseek-ai/dsh-tool-ralph

ralph

agent Ralph Ralph agent Round

```
{
  "type": "object",
  "properties": {
    "objective": {
      "type": "string",
      "description": "The immutable completion objective for every fresh Ralph round."
    },
    "maxRounds": {
      "type": "number",
      "description": "Optional positive safe-integer round cap, bounded by the deployment ceiling."
    }
  }
},
```

```
"required": [  
  "objective"  
]  
}
```

[packages/workflow/tool-ralph/src/index.ts](#)

Round Round

@deepseek-ai/dsh-tool-skill

skill

skill skill skill

```
{  
  "type": "object",  
  "properties": {  
    "name": {  
      "type": "string",  
      "description": "The exact skill name from the available skills list."  
    }  
  },  
  "required": [  
    "name"  
  ]  
}
```

[packages/skill/tool-skill/src/index.ts](#)

@deepseek-ai/dsh-tool-session-query

session_event_read

[packages/session-query/tool-session-query/src/index.ts](#)

[illegible]

```
    "description": "Literal full-text query over the target session."
  },
  "seq_from": {
    "type": "integer",
    "description": "Inclusive event sequence lower bound."
  },
  "seq_to": {
    "type": "integer",
    "description": "Inclusive event sequence upper bound."
  },
  "time_from": {
    "type": "string",
    "description": "Inclusive timezone-qualified ISO 8601 event-time lower bound."
  },
  "time_to": {
    "type": "string",
    "description": "Inclusive timezone-qualified ISO 8601 event-time upper bound."
  },
  "event_types": {
    "type": "array",
    "description": "Event types to include.",
    "items": {
      "type": "string"
    }
  },
  "surfaces": {
    "type": "array",
    "description": "Event surfaces to include.",
    "items": {
      "type": "string",
      "enum": [
        "current",
        "shadowed",
        "log-only"
      ]
    }
  },
  "required": [
    "query"
```

[packages/session-query/tool-session-query/src/index.ts](https://github.com/elastic/elasticsearch/blob/master/packages/session-query/tool-session-query/src/index.ts)

```
session_event_trace
```

[illegible]

```
{
  "type": "object",
  "properties": {
    "session_id": {
      "type": "string",
      "description": "Target session id. Omit for the current session."
    },
    "seq": {
      "type": "integer",
      "description": "Target event sequence number."
    }
  },
  "required": [
    "seq"
  ]
}
```

[packages/session-query/tool-session-query/src/index.ts](https://github.com/elastic/elasticsearch/blob/master/packages/session-query/tool-session-query/src/index.ts)

session_search

```
{
  "type": "object",
  "properties": {
    "query": {
      "type": "string",
      "description": "Literal full-text query over prior session history."
    },
    "session_ids": {
```

```
"type": "array",
"description": "Optional session ids to include.",
"items": {
  "type": "string"
},
},
"created_at_from": {
  "type": "string",
  "description": "Inclusive timezone-qualified ISO 8601 creation-time lower bound."
},
"created_at_to": {
  "type": "string",
  "description": "Inclusive timezone-qualified ISO 8601 creation-time upper bound."
},
"parent_session_ids": {
  "type": "array",
  "description": "Optional direct parent session ids.",
  "items": {
    "type": "string"
  }
},
"include_root_sessions": {
  "type": "boolean",
  "description": "Include sessions with no parent in the parent filter."
},
"availability": {
  "type": "array",
  "description": "Require at least one selected source availability.",
  "items": {
    "type": "string",
    "enum": [
      "live",
      "persisted"
    ]
  }
},
"event_seq_from": {
  "type": "integer",
  "description": "Inclusive event sequence lower bound."
},
```

```

"event_seq_to": {
  "type": "integer",
  "description": "Inclusive event sequence upper bound."
},
"event_time_from": {
  "type": "string",
  "description": "Inclusive timezone-qualified ISO 8601 event-time lower bound."
},
"event_time_to": {
  "type": "string",
  "description": "Inclusive timezone-qualified ISO 8601 event-time upper bound."
},
"event_types": {
  "type": "array",
  "description": "Event types to include.",
  "items": {
    "type": "string"
  }
},
"event_surfaces": {
  "type": "array",
  "description": "Event surfaces to include.",
  "items": {
    "type": "string",
    "enum": [
      "current",
      "shadowed",
      "log-only"
    ]
  }
},
"required": [
  "query"
]
}

```

[packages/session-query/tool-session-query/src/index.ts](https://github.com/elastic/apm-toolkit/blob/master/packages/session-query/tool-session-query/src/index.ts)

session_trace



```
{
  "type": "object",
  "properties": {
    "session_id": {
      "type": "string",
      "description": "Target session id. Omit for the current session."
    }
  }
}
```

[packages/session-query/tool-session-query/src/index.ts](#)

5 agent spill

@deepseek-ai/dsh-tool-subagent

```
list_subagent_models
```

subagent LLM provider provider model provider model reasoning_effort id

```
{
  "type": "object",
  "properties": {
    "provider": {
      "type": "string",
      "description": "Registered LLM provider id. Omit to list providers."
    },
    "model": {
      "type": "string",
      "description": "Exact model id to inspect. Requires provider; omit to list that provider's advertised models."
    }
  }
}
```

packages/subagent/tool-subagent/src/list-models.ts

subagent

subagent run_in_background: true job job_output job_kill subagent

```
{
  "type": "object",
  "properties": {
    "description": {
      "type": "string",
      "description": "A short (3-5 word) description of the delegated task, for display."
    },
    "prompt": {
      "type": "string",
      "description": "The complete, self-contained task for the subagent. It does not share this conversation's context, so include everything it needs."
    },
    "run_in_background": {
      "type": "boolean",
      "description": "Whether to run as a background job and return its id. Defaults to false; collect with job_output or stop with job_kill."
    }
  },
  "required": [
    "description",
    "prompt"
  ]
}
```

[packages/subagent/tool-subagent/src/index.ts](#)

toolName subagent schema schema Session subagent_fork; modelSelectionSettings backgroundMode enableRunInBackground

@deepseek-ai/dsh-tool-subagent-control

interrupt_agent

agent id agent agent agent agent

```

{
  "type": "object",
  "properties": {
    "agent_id": {
      "type": "string",
      "description": "The agent id of the running agent to interrupt."
    }
  },
  "required": [
    "agent_id"
  ]
}

```

<packages/subagent/tool-subagent-control/src/index.ts>

list_agents

[[[id [] subagent [] subagent [] — subagent [send_message [] children []] steer [] idle [] ready [send_message [] send_message [] descendants [] send_message [] interrupt_agent []]

```

{
  "type": "object",
  "properties": {
    "scope": {
      "type": "string",
      "description": "children (default) lists direct children only; descendants walks the complete tree below you.",
      "enum": [
        "children",
        "descendants"
      ]
    }
  }
}

```

<packages/subagent/tool-subagent-control/src/list-agents.ts>

send_message

[] agent id [] child [] child [] parent [] steer [] step []

```
{
  "type": "object",
  "properties": {
    "agent_id": {
      "type": "string",
      "description": "The agent id of your direct continuable child, or your direct parent when you are a resident continuable child."
    },
    "message": {
      "type": "string",
      "description": "The message to deliver to the agent."
    }
  },
  "required": [
    "agent_id",
    "message"
  ]
}
```

[packages/subagent/tool-subagent-control/src/index.ts](#)

tool-subagent send_message interrupt_agent list_agents /list-agents sessionProj
Agent

@deepseek-ai/dsh-tool-jobs

job_kill

job id killed

```
{
  "type": "object",
  "properties": {
    "job_id": {
      "type": "string",
      "description": "Job id returned by the tool that started the background work."
    },
    "reason": {
```

```
    "type": "string",
    "description": "Optional short reason, recorded in the log and forwarded to the job."
  }
},
"required": [
  "job_id"
]
}
```

[packages/jobs/tool-jobs/src/index.ts](#)

job_list

id

```
{
  "type": "object",
  "properties": {}
}
```

[packages/jobs/tool-jobs/src/index.ts](#)

job_output

[status: ...] wait: true

```
{
  "type": "object",
  "properties": {
    "job_id": {
      "type": "string",
      "description": "Job id returned by the tool that started the background work."
    },
    "wait": {
      "type": "boolean",
      "description": "Block until the job reaches a terminal status or the timeout expires. A timed-out wait returns [status: running] and leaves the job alive."
    },
    "timeout_ms": {
      "type": "number",
```

```
    "description": "Max wait in milliseconds (only meaningful with wait: true). Defaults to the configured wait
timeout; capped by the configured maximum."
  },
  "required": [
    "job_id"
  ]
}
```

[packages/jobs/tool-jobs/src/index.ts](#)

```
bash ctx.jobs.start() agent 3
```

@deepseek-ai/dsh-experimental-tool-agent-team

followup_task

Team member follow-up task turn

```
{
  "type": "object",
  "properties": {
    "target": {
      "type": "string",
      "description": "Team member name, or lead."
    },
    "message": {
      "type": "string",
      "description": "Self-contained message for the target."
    }
  },
  "required": [
    "target",
    "message"
  ]
}
```

[packages/experimental/tool-agent-team/src/index.ts](#)

interrupt_agent

Team Lead Turn teammate inbox Team Lead

```
{
  "type": "object",
  "properties": {
    "target": {
      "type": "string",
      "description": "Teammate name."
    }
  },
  "required": [
    "target"
  ]
}
```

[packages/experimental/tool-agent-team/src/index.ts](#)

list_agents

Lead teammate

```
{
  "type": "object",
  "properties": {}
}
```

[packages/experimental/tool-agent-team/src/index.ts](#)

send_message

Team member idle member

```
{
  "type": "object",
  "properties": {
    "target": {
```

```

    "type": "string",
    "description": "Team member name, or lead."
  },
  "message": {
    "type": "string",
    "description": "Self-contained message for the target."
  }
},
"required": [
  "target",
  "message"
]
}

```

<packages/experimental/tool-agent-team/src/index.ts>

spawn_teammate

teammate Team Lead

```

{
  "type": "object",
  "properties": {
    "name": {
      "type": "string",
      "description": "Unique lower-kebab-case teammate name."
    },
    "description": {
      "type": "string",
      "description": "Short description of the delegated responsibility."
    },
    "prompt": {
      "type": "string",
      "description": "Complete initial task for the teammate."
    },
    "context": {
      "type": "string",
      "description": "fresh starts without Lead history; fork inherits completed Lead turns. Defaults to fresh.",
      "enum": [
        "fresh",

```

```
        "fork"
      ]
    }
  },
  "required": [
    "name",
    "description",
    "prompt"
  ]
}
```

<packages/experimental/tool-agent-team/src/index.ts>

team_task_create

Team owner pending task

```
{
  "type": "object",
  "properties": {
    "subject": {
      "type": "string",
      "description": "Concise task title."
    },
    "description": {
      "type": "string",
      "description": "Complete task details and acceptance criteria."
    },
    "blocked_by": {
      "type": "array",
      "description": "Task ids that must complete first.",
      "items": {
        "type": "string"
      }
    },
    "write_scopes": {
      "type": "array",
      "description": "Advisory workspace-relative file or directory prefixes this task expects to modify.",
      "items": {
        "type": "string"
      }
    }
  }
}
```

```
    }  
  }  
},  
"required": [  
  "subject",  
  "description"  
]  
}
```

[packages/experimental/tool-agent-team/src/index.ts](https://github.com/ai-robotics/packages/experimental/tool-agent-team/src/index.ts)

team_task_get

```
{
  "type": "object",
  "properties": {
    "task_id": {
      "type": "string",
      "description": "Shared task id."
    }
  },
  "required": [
    "task_id"
  ]
}
```

[packages/experimental/tool-agent-team/src/index.ts](https://github.com/microsoft/tool-agent/tree/main/packages/experimental/tool-agent-team/src/index.ts)

team_task_list

```

readiness owner revision blocker write-scope warning

```

```
{
  "type": "object",
  "properties": {
    "status": {
      "type": "string",
      "description": "Optional exact status filter.",

```

```

    "enum": [
      "pending",
      "in_progress",
      "completed"
    ],
  },
  "owner": {
    "type": "string",
    "description": "Optional member-name filter; use unowned for tasks without an owner."
  },
  "ready": {
    "type": "boolean",
    "description": "Optional readiness filter."
  },
  "cursor": {
    "type": "integer",
    "description": "Zero-based result offset. Defaults to 0."
  },
  "limit": {
    "type": "integer",
    "description": "Number of rows, 1 through 100. Defaults to 50."
  }
}

```

[packages/experimental/tool-agent-team/src/index.ts](https://github.com/GoogleCloudPlatform/cloud-sql-jdbc-socket-factory/blob/main/packages/experimental/tool-agent-team/src/index.ts)

team_task_update

team_task_get team_task_list revision compare-and-set

```

{
  "type": "object",
  "properties": {
    "task_id": {
      "type": "string",
      "description": "Shared task id."
    },
    "expected_revision": {
      "type": "integer",

```

```
"description": "Current task revision used as the CAS precondition."
},
"action": {
  "type": "string",
  "description": "Task transition to apply.",
  "enum": [
    "claim",
    "release",
    "edit",
    "set_dependencies",
    "complete",
    "reopen",
    "reassign",
    "delete"
  ]
},
"subject": {
  "type": "string",
  "description": "Replacement title for edit."
},
"description": {
  "type": "string",
  "description": "Replacement details for edit."
},
"blocked_by": {
  "type": "array",
  "description": "Complete blocker list for set_dependencies.",
  "items": {
    "type": "string"
  }
},
"write_scopes": {
  "type": "array",
  "description": "Replacement advisory write scopes for edit.",
  "items": {
    "type": "string"
  }
},
"owner": {
  "type": "string",
```

```
      "description": "Member name for Lead-only reassign; omit to unassign."
    }
  },
  "required": [
    "task_id",
    "expected_revision",
    "action"
  ]
}
```

[packages/experimental/tool-agent-team/src/index.ts](#)

wait_agent

teammate mailbox inactive member member running provi

```
{
  "type": "object",
  "properties": {
    "timeout_ms": {
      "type": "integer",
      "description": "Wait duration in milliseconds, from 10000 through 3600000. Defaults to 30000."
    }
  }
}
```

[packages/experimental/tool-agent-team/src/index.ts](#)

10 Team Lead teammate dsh-base bundle Agent Teams profile

@deepseek-ai/dsh-tool-todo

todo_write

in_progress in_progress completed in_progress pending in_progress
completed

```

{
  "type": "object",
  "properties": {
    "todos": {
      "type": "array",
      "description": "The COMPLETE task list, replacing any previous list.",
      "items": {
        "type": "object",
        "additionalProperties": false,
        "properties": {
          "content": {
            "type": "string",
            "description": "What the task is — a short imperative line."
          },
          "status": {
            "type": "string",
            "description": "pending (not started) | in_progress (now) | completed (done).",
            "enum": [
              "pending",
              "in_progress",
              "completed"
            ]
          }
        },
        "required": [
          "content",
          "status"
        ]
      }
    },
    "required": [
      "todos"
    ]
  }
}

```

[packages/todo/tool-todo/src/index.ts](#)

todo_write [] UI [] allowParallelInProgress [] true [] in_progress [] false [] 1 []

@deepseek-ai/dsh-tool-workflow

workflow

Workflow is a JavaScript module that defines a workflow schema and provides a set of functions to execute it.

The workflow schema is a JSON object with the following properties:

- `meta`: A JSON object with the following properties:
 - `name`: A string representing the workflow name.
 - `description`: A string representing the workflow description.
 - `whenToUse`: A string representing the conditions for when to use the workflow.
 - `phases`: An array of objects representing the phases of the workflow. Each object has the following properties:
 - `title`: A string representing the phase title.
 - `detail?`: A string representing the phase detail (optional).
 - `provider?`: A string representing the phase provider (optional).
 - `model?`: A string representing the phase model (optional).
 - `script`: A string representing the workflow script body.

The workflow schema is defined as follows:

- `agent(prompt, opts?): Promise<any>` - A function that takes a prompt and optional options and returns a promise. The options object has the following properties:
 - `opts.schema`: A JSON Schema object.
 - `opts.type/properties/required/additionalProperties/items/enum/const/oneOf`: A JSON Schema object.
 - `opts.pattern/format`: A string representing the pattern or format.
 - `opts.null`: A boolean representing whether the value can be null.
 - `opts.filter(Boolean)`: A boolean representing whether the value is filtered.
 - `opts.label`: A string representing the label.
 - `opts.phase`: A string representing the phase.
 - `opts.provider`: A string representing the provider.
 - `opts.model`: A string representing the model.
 - `opts.LLM`: A string representing the LLM.
 - `opts.effort`: A string representing the effort.
 - `opts.isolation`: A string representing the isolation.
 - `opts.agentType`: A string representing the agent type.
- `pipeline(items, ...stages): Promise<any[]>` - A function that takes an array of items and a variable number of stages and returns a promise. Each stage is a function that takes the previous item and the index and returns a new item.
- `parallel(thunks): Promise<any[]>` - A function that takes an array of thunks and returns a promise. Each thunk is a function that returns a value.
- `phase(title) log(message) args` - A function that takes a title, a message, and an array of arguments and returns a promise.

The workflow schema is defined as follows:

The workflow schema is defined as follows:

```
{
  "type": "object",
  "properties": {
    "script": {
      "type": "string",
      "description": "The plain-JS workflow script body (top-level await allowed; NO `export const meta` statement; end with `return <json-value>`)."
    },
    "meta": {
      "type": "object",
      "description": "The workflow identity block (plain JSON — never code).",
      "additionalProperties": true,
      "properties": {
        "name": {
          "type": "string",
          "description": "Short kebab-case workflow name."
        },
        "description": {
          "type": "string",
          "description": "The workflow description."
        }
      }
    }
  }
}
```

```
"type": "string",
"description": "One-line description of what the workflow does."
},
"whenToUse": {
  "type": "string",
  "description": "Optional guidance on when this workflow applies."
},
"phases": {
  "type": "array",
  "description": "Optional phase declarations matched by phase() calls.",
  "items": {
    "type": "object",
    "additionalProperties": true,
    "properties": {
      "title": {
        "type": "string",
        "description": "The phase title phase() calls match by exact string."
      },
      "detail": {
        "type": "string",
        "description": "Optional one-line description of the phase."
      },
      "provider": {
        "type": "string",
        "description": "Optional provider override this phase is expected to use."
      },
      "model": {
        "type": "string",
        "description": "Optional model override this phase is expected to use."
      }
    },
    "required": [
      "title"
    ]
  }
},
"required": [
  "name",
  "description"
```

```
    ]
  },
  "args": {
    "type": "object",
    "description": "Optional JSON input exposed to the script as the `args` global (wrap a bare list as a field, e.g. {\\"files\\": [...]}).",
    "additionalProperties": true
  }
},
"required": [
  "script",
  "meta"
]
}
```

[packages/workflow/tool-workflow/src/index.ts](#)

@deepseek-ai/dsh-tool-web

web_fetch

[[[[HTTP(S) URL]]]]

```
{
  "type": "object",
  "properties": {
    "url": {
      "type": "string",
      "description": "The HTTP(S) URL to fetch."
    }
  },
  "required": [
    "url"
  ]
}
```

[packages/web/tool-web/src/index.ts](#)

web_search

Web queries 1-4 URL

```
{
  "type": "object",
  "properties": {
    "queries": {
      "type": "array",
      "description": "Required search queries; accepts 1-4 items and merges their results.",
      "items": {
        "type": "string"
      }
    }
  },
  "required": [
    "queries"
  ]
}
```

[packages/web/tool-web/src/index.ts](#)

web_search web_fetch ctx.web schema

#1

3 2026 17:30:34

3 2026 17:36:27