7. □□ harness

English | □□

□□□□ harne tools □□□□□□□□□□□□□□□□□□ harness □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□

□□□□

[greet-tool.ts [tmp/cordis-tutorial □□

```
import type { Context } from '@deepseek-ai/cordis'
import { brandString } from '@deepseek-ai/dsh-brand'
import { defineTool } from '@deepseek-ai/dsh-tools'
import type { ToolCallId } from '@deepseek-ai/dsh-llm'

export const name = 'greet-tool'
export const inject = ['tools']

export function apply(ctx: Context) {
  ctx.tools.register(defineTool({
    name: 'greet',
    description: 'Greet the named person.',
    parameters: {
      name: { type: 'string', required: true, description: 'Who to greet' },
    },
    output: {
      schema: { type: 'string' },
      render: (_args, value) => [{ type: 'text', text: value }],
    },
    async execute(args) {
      return `Hello, ${args.name}!`
    },
  }))

  // Drive one call through the real execution pipeline, standing in for
```

```
  // the model. ToolCallId brands the correlation id a provider would issue.
  void (async () => {
    const result = await ctx.tools.execute({
      callId: brandString<ToolCallId>('demo-1'),
      name: 'greet',
      arguments: { name: 'Cordis' },
      signal: new AbortController().signal,
    })
    console.log('tool replied:', JSON.stringify(result.content))
  })()
}
```

`inject: ['tools']` [illegible] 3 `ctx.tools.register(...)` [illegible] dispose [illegible] 2 `defineTool` [illegible] `parameters` [illegible] JSO `args` h[illegible] `execute` [illegible] `output.schema` `output.render` [illegible] Native renderer[illegible]

[illegible]

[illegible] `tool-logger.ts` [illegible] `tools/result` [illegible]

```
import type { Context } from '@deepseek-ai/cordis'
import type {} from '@deepseek-ai/dsh-tools'

export const name = 'tool-logger'
export const inject = ['tools']

export function apply(ctx: Context) {
  ctx.on('tools/result', (exec, result) => {
    const text = result.content
      .map(block => (block.type === 'text' ? block.text : ''))
      .join('')
    console.log(`[tool-logger] ${exec.name} -> ${text}`)
  })
}
```

`import type {} from '@deepseek-ai/dsh-tools'` [illegible] `'tools/result'` [illegible] payload [illegible] `stats.ts` 4[illegible]

[illegible]

```
- name: '@deepseek-ai/dsh-system-prompt'
- name: '@deepseek-ai/dsh-tools'
- name: './tool-logger.ts'
- name: './greet-tool.ts'
```

`@deepseek-ai/dsh-tools` [illegible] `systemPrompt` [illegible] [illegible 6] [illegible] schema PENDING [illegible]

```
node --import tsx ../../vendor/cordis/bin.js
```

```
[tool-logger] greet -> Hello, Cordis!
tool replied: [{"type":"text","text":"Hello, Cordis!"}]
```

logger `tools/result` [illegible] `execute` [illegible] promise [illegible]

[illegible] agent [illegible]

[illegible] agent [illegible] LLM profile [illegible] headless [illegible] `--patch` [illegible] overlay [illegible] `greet-tool.ts` [illegible]

[illegible]

- [illegible] `defineTool` [illegible] schema[illegible]
- [illegible] harness [illegible]
- [illegible] `cordis-surface` [illegible]
- [illegible]

Image not found or type unknown

[illegible] #1
[illegible] 3 [illegible] 2026 17:00:06
[illegible] 3 [illegible] 2026 17:02:14