

2. 使用 effect

[English](#) | 中文

Cordis 使用 ctx.effect() 调用 Cordis API 使用 effect 调用 API

Effect

Cordis 使用 ctx.effect() 调用 watch 和 dispose

lifecycle.ts tmp/cordis-tutorial

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

export const name = 'lifecycle-demo'

function heartbeat(ctx: Context) {
  console.log('heartbeat plugin loading')
  ctx.effect(() => {
    const timer = setInterval(() => console.log('tick'), 200)
    return () => {
      clearInterval(timer)
      console.log('heartbeat cleaned up')
    }
  })
}

export function apply(ctx: Context) {
  // Mount a child plugin and keep its fiber to dispose it later.
  const fiber = ctx.plugin(heartbeat)

  // The demo timer is itself an effect: if THIS plugin is unloaded first,
  // the pending callback is cancelled instead of firing on a dead app.
  ctx.effect(() => {
    const timer = setTimeout(async () => {
      await fiber.dispose()
      console.log('disposed')
    }, 1000)
  })
}
```

```
    process.exit(0)
  }, 700)
  return () => clearTimeout(timer)
})
}
```

cordis.yml

- name: './lifecycle.ts'

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

heartbeat plugin loading

tick

tick

tick

heartbeat cleaned up

disposed

- ctx.plugin(heartbeat) YA apply de Cord apply I ctx.plugin({ apply(ctx) { /* ... */ } })
fiber
- effect disposer disposer
- fiber.dispose() disposer

Fiber

fiber

PENDING → LOADING → ACTIVE → UNLOADING → DISPOSED

↘ FAILED

- **PENDING** 3
- **LOADING / ACTIVE** apply
- **FAILED** apply
- **UNLOADING / DISPOSED** disposer

6 PENDING

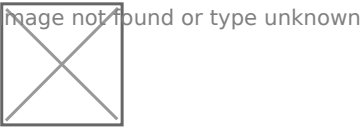
effect

ctx.effect() API effect

- ctx.on(event, listener)
- ctx.plugin(child) dispose
- ctx.tools.register(...) harness disposer

Cordi: ctx.effect() disposer Cordis

disposer disposer



#1
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3 2026 17:02:14