

Beyond the Diff

Giving Agents the Why Behind a Commit

Git tells you what changed. But when an agent helps write the code, the conversation behind the change is often lost.

The next agent gets your current codebase and the git diffs from each of your commits, but misses what you asked for, what was tried, and why you chose one approach over another.

weather.js

```
@@ -1,5 +1,12 @@
1 1  export async function loadWeather() {
2  -  const response = await fetch("/api/weather");
3  -  if (!response.ok) throw new Error("Weather unavailable");
4  -  return response.json();
2 +  for (let attempt = 1; attempt ≤ 3; attempt++) {
3 +    try {
4 +      const response = await fetch("/api/weather");
5 +      if (!response.ok) throw new Error("Weather unavailable");
6 +      return await response.json();
7 +    } catch (error) {
8 +      if (attempt === 3) throw error;
9 +      await new Promise(resolve ⇒ setTimeout(resolve, 500));
10 +    }
11 +  }
5 12 }
```

The missing context

Imagine a page with a weather widget. A brief connection hiccup could make it fail; a retry could save your users from reloading the page.

Your agent proposed exponential backoff: wait longer after each failed attempt.

But this was a small widget, not a background job. You wanted a short pause and a few attempts, then an error your users could act on.

The diff shows a half-second pause between retries. It doesn't show why an exponential delay was rejected, or that it was considered.

Entire CLI keeps that context with the change.

Entire captures supported agent sessions and links checkpoints to Git commits. The commit gives you a way back to the conversation.

Commit

fix: retry weather requests

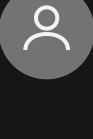
03222eec

Entire-Checkpoint:
cfc7c0b30a84

Session

 Retry the weather request when it fails.

 I'll use exponential backoff so each retry waits longer.

 This is just a weather widget. Try three times with a half-second pause, then show an error. I don't want it sitting there loading.

More context for whoever works on the code next.

Trace a file or line to its original prompt and checkpoint. Inspect that checkpoint for the discussion, or search past sessions for related work.

```
$ entire why weather.js:9
Line 9 in weather.js
  await new Promise(resolve ⇒ setTimeout(resolve, 500));

[AI] by Claude Code · claude-sonnet-5.5 · checkpoint cfc7c0b30a84 · session b57b2574 · commit 03222eec
Prompt: "Retry the weather request when it fails."

Full context: entire checkpoint explain cfc7c0b30a84
```