

composeThreeWay

September 4, 2026

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Kind: Function

Source: atloria-monorepo/apps/api/src/change-request/merge-compose.ts

Compose the auto-merged document from aligned three-way sections (S2.3 merge).

PURE — no I/O. The caller (CrWorker's merge gate) has already classified every section via

DiffService.threeWaySections and verified NONE are 'conflict'; this walks the aligned slots

in order and takes:

- 'keep-mine' → mine (main moved this section; the proposal left it alone)
- 'take-theirs' → theirs (the proposal changed this section; main left it alone)
- 'unchanged' → mine (mine === theirs by definition — either side works)

A section DELETED on the winning side compares as "" and is dropped from the composition

(this also covers the deleted-on-both-sides slots threeWaySections appends as 'unchanged').

Section texts carry no trailing newline (they are joined line runs), so the composition re-joins with '\n' and ends with a single trailing newline — matching the normalised form

every committed page already has.

Signature

```
function composeThreeWay(sections: ThreeWaySection[]): string
```

Parameters

Name	Type
sections	ThreeWaySection[]

Returns: string