

# buildBenchmarkPrompt

September 5, 2026

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## buildBenchmarkPrompt

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**Kind:** Function

**Source:** `atloria-monorepo/libs/agent-core/src/autonomous/adaptive-prompt.ts`

Build a benchmark-optimized system prompt.

Unlike `buildAdaptivePrompt` (which has a 5-phase workflow including "run baseline tests first"), this prompt is action-first:

1. Read the issue → identify the source file and function
2. Call `edit_file` immediately with the fix
3. Run the targeted test to verify

The "establish baseline first" step is intentionally omitted because:

- Baselines consume 50-80% of the turn budget on analysis
- The model then produces text describing its plan instead of calling `edit_file`
- Azure Responses API expires `previous_response_id` on completion → no second turn
- SWE-bench eval applies the diff, not the agent's text response

Used by `BenchmarkRunner` instead of `buildAdaptivePrompt`.

## Signature

```
function buildBenchmarkPrompt(options: {  
  workspace: string;  
  toolGuide: string;  
  repoMap?: string;  
  domainRules?: string[];  
  /** Specific test names that must pass (from SWE-bench FAIL_TO_PASS metadata) */  
  failToPassTests?: string[];  
}): string
```

## Parameters

| Name                                                                                          | Type           |
|-----------------------------------------------------------------------------------------------|----------------|
| <code>options</code>                                                                          | <code>{</code> |
| <code>workspace: string;</code>                                                               |                |
| <code>toolGuide: string;</code>                                                               |                |
| <code>repoMap?: string;</code>                                                                |                |
| <code>domainRules?: string[];</code>                                                          |                |
| <code>/** Specific test names that must pass (from SWE-bench FAIL_TO_PASS metadata) */</code> |                |
| <code>failToPassTests?: string[];</code>                                                      |                |
| <code>}</code>                                                                                |                |

**Returns:** `string`