

Phase 1 Report - Issue on Angular Router: Query Parameters Not Preserved During Navigation

1. Introduction

This report addresses a bug found in Angular 16.1.0, where the query parameters are not preserved during navigation when using the `queryParamsHandling: 'preserve'` option. The following sections describe the issue in detail and provide steps to reproduce it, as well as the actual and expected behaviour.

2. Issue Description

When navigating between routes in an Angular application using the `router.navigate` method with the `queryParamsHandling` option set to `'preserve'`, the query parameters should be retained. However, the query parameters are removed instead, leading to unexpected behaviour.

3. Steps to Reproduce

1. Create a route that navigates to another route using Angular's `router.navigate`.
2. Pass the option `queryParamsHandling: 'preserve'` to the `router.navigate` method.
3. Navigate between the routes and observe whether the query parameters are preserved.

4. Expected Behaviour

Query parameters should be retained during navigation when the `queryParamsHandling: 'preserve'` option is specified.

5. Actual Behaviour

The query parameters are removed when navigating between routes, despite using the `queryParamsHandling: 'preserve'` option.

6. Angular Version

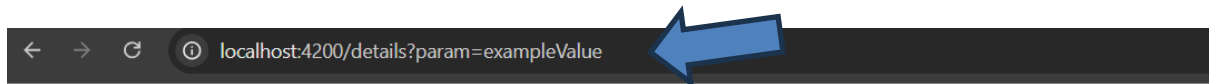
Angular Version: : 18.2.9

7. Reproduction URL

<http://localhost:4200/home>

8. Screenshots

- Screenshot 1: Before navigation (query params present)



Hello, angular-query-params-issue

Congratulations! Your app is running. 🎉

Details Page

Query Param Value: exampleValue

Remove Query Params

- Screenshot 2: After navigation (query params removed)



Hello, angular-query-params-issue

Congratulations! Your app is running. 🎉

Details Page

Query Param Value:

Remove Query Params

9. Additional Context

Angular CLI: 18.2.9

Node: 20.18.0

Package Manager: npm 10.8.2

OS: win32 x64

Angular: 18.2.8

Package	Version
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@angular-devkit/architect	0.1802.9
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@angular-devkit/build-angular	18.2.9
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typescript	5.5.4
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zone.js	0.14.10
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