

Freeciv - Bug #870482

gcc9 -O3: caravan 'data.result' may be used uninitialized

2020-04-24 01:11 AM - Marko Lindqvist

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Marko Lindqvist	% Done:	0%
Category:	General	Estimated time:	0.00 hour
Sprint/Milestone:	2.6.3		
Description			
Seen on S3_0 and S2_6 (master not affected) when building with gcc9, -O3 optimization level:			
<pre>../../../../src/common/aicore/caravan.c: In function 'caravan_evaluate': ../../../../src/common/aicore/caravan.c:588:25: error: 'data.result' may be used uninitialized in this function [-Werror=maybe-uninitialized] 588 fc_assert_ret_val(data->result, FALSE);</pre>			

History

#1 - 2020-04-24 01:25 AM - Marko Lindqvist

Marko Lindqvist wrote:

Seen on S3_0 and S2_6 (master not affected) when building with gcc9, -O3 optimization level:

Compiler might not give warning in master, but there's a real bug there that is present in master too.

caravan_evaluate_withtransit() does not set result pointer to callback data, so result can never be set in the callback. Thus caravan_evaluate_withtransit() always only initializes result.

#2 - 2020-04-24 01:33 AM - Marko Lindqvist

- File 0025-Fix-caravan_evaluate_withtransit-result-setting.patch added

- Status changed from New to Resolved

#3 - 2020-05-02 08:40 PM - Marko Lindqvist

- Status changed from Resolved to Closed

- Assignee set to Marko Lindqvist

Files

0025-Fix-caravan_evaluate_withtransit-result-setting.patch	1.49 KB	2020-04-23	Marko Lindqvist
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