

Freeciv - Bug #899339

Assert failures when reading broken specfile format

2020-11-24 02:08 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			
I've got asserts failing when reading invalid tilespec specfile format. That broken format is not an error in freeciv code (to assert) but in custom data file. What's especially bad about this is that it's not only additional assert output that comes out, but the overall behavior changes, and eventual error messages to the user are worse when asserts are enabled. I assume this to be because of some too early return from some function with <code>fc_assert_ret_val()</code> or similar.			

History

#1 - 2020-11-24 02:40 AM - Marko Lindqvist

- Category set to General
- Status changed from New to In Progress
- Sprint/Milestone set to 2.6.3

This is about `inf_sanity_check()` and especially about calls to it within `fc_assert_ret_val()`

#2 - 2020-11-24 03:05 AM - Marko Lindqvist

- File 0018-Avoid-returning-too-early-in-assert-builds-when-inf_.patch added
- File 0015-Avoid-returning-too-early-in-assert-builds-when-inf_.patch added
- Status changed from In Progress to Resolved

Marko Lindqvist wrote:

I assume this to be because of some too early return from some function with `fc_assert_ret_val()` or similar.

Attached patches helps with this. There might still be cases where behavior with asserting and assertless builds differ, but my test-case (and in that a typical specfile error) works with this change. I'll leave figuring out which of the asserts should not be failing at all to a new ticket.

#3 - 2020-12-01 08:31 PM - Marko Lindqvist

- Status changed from Resolved to Closed
- Assignee set to Marko Lindqvist

Files

0018-Avoid-returning-too-early-in-assert-builds-when-inf_.patch	5.45 KB	2020-11-24	Marko Lindqvist
0015-Avoid-returning-too-early-in-assert-builds-when-inf_.patch	5.84 KB	2020-11-24	Marko Lindqvist