

Ryzom - Bug # 1497

Status:	Resolved	Priority:	Normal
Author:	yricl	Category:	Client: General
Created:	09/29/2012	Assignee:	kervala
Updated:	10/02/2012	Due date:	
Subject:	optimize the drawing of radar by removing multiple access to local db		
Description			
using dB observer reduce the time passed in radar drawing function.			
This improves a least a factor of 2 the time spent in the function.			

History

#1 - 09/29/2012 02:40 pm - kervala

- Status changed from New to Resolved
- % Done changed from 0 to 100

Applied in changeset commit:63c43ca2deb4.

#2 - 09/29/2012 02:42 pm - kervala

- Assignee set to kervala
- Target version set to Version 0.9.0

Thanks a lot for your patch! It'll be useful for everyone :)

#3 - 09/30/2012 11:32 pm - arc

Thanks alot indeed!

#4 - 09/30/2012 11:42 pm - kervala

I noticed a good improvement in overall speed :)

#5 - 10/02/2012 12:33 am - yricl

- File radar2.diff added

introducing the predictable branching optimization MACRO nllikely and nlunlikely (working only on linux with gcc, must be tested on over systems)

```
1#  ifdef NL_OS_UNIX
2
3#ifndef nllikely
4#  define nllikely(expr) __builtin_expect(!(expr), true)
5#endif
6#ifndef nlunlikely
```

```
7#  define nlunlikely(expr) __builtin_expect(!(expr), false)
8#endif
9
10#  else // NL_OS_UNIX
11
12#ifndef nllikely
13#  define nllikely(x) (x)
14#endif
15#ifndef nlunlikely
16#  define nlunlikely(x) (x)
17#endif
18
19#  endif // NL_OS_UNIX
```

Files

radar.diff	12.6 kB	09/29/2012	yricl
radar2.diff	1.9 kB	10/02/2012	yricl