

## Redmine - Defect #35192

### Watchers pop up window appears after a long time

2021-04-30 17:42 - Jean-René ROUET

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marius BALTEANU	<b>% Done:</b>	0%
<b>Category:</b>	Issues	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	4.2.1
<b>Resolution:</b>			
<b>Description</b>			
Hi			
patch #33329 introduces a performance issue			
When you want to add a watcher to an issue in a project with many collaborators, the pop-up window take between 10 sec and 20 sec (according to the number of collaborators) to appear. It's very disturbing because user has no graphical indication about that.			
regards			
<b>Related issues:</b>			
Related to Redmine - Patch # 33329: Improve watchers functionality to mark th...		<b>Closed</b>	

#### History

##### #1 - 2021-05-03 22:27 - Marius BALTEANU

- Assignee set to Marius BALTEANU

##### #2 - 2021-05-03 23:15 - Marius BALTEANU

- Related to Patch #33329: Improve watchers functionality to mark the users that are watching a non visible object and to not return watchers that cannot see the object added

##### #3 - 2021-05-03 23:21 - Marius BALTEANU

How many members do you have on the project where you experience this issue? (rounded number).

In #33329, I've proposed two options (4 and 5) to avoid this performance issue, which one works better for you?

##### #4 - 2021-05-04 08:56 - Jean-René ROUET

Hi

when it took 10 seconds to pop up, there is 900 members.

when it took 25 seconds, there is 2500 members.

it's linear

I prefer the option 4

##### #5 - 2022-04-29 09:32 - Simon Hori

Hello Marius,

Thank you for the patch #33329 that is good improvement for sure.

But we do have the same performance problem with 1300+ users.

`watchable_object.visible?(user)`

is making at least two SQL queries per user.

I don't think we need all users names listed when the search query is **blank**. so I would like to request **option 4**.

As a test, I made this change and it reduced loading time from 4 sec to 0.2 sec.

- `scope = @project.principals.assignable_watchers`
- + `scope = @project.principals.assignable_watchers.limit(100)`