

## Synnefo - Feature # 1245

<b>Status:</b>	Closed	<b>Priority:</b>	Low
<b>Author:</b>	Vangelis Koukis	<b>Category:</b>	Cyclades UI
<b>Created:</b>	09/22/2011	<b>Assignee:</b>	Kostas Papadimitriou
<b>Updated:</b>	01/16/2012	<b>Due date:</b>	11/11/2011
<b>Subject:</b>	Reduce frequency of GET requests for UI updates		
<b>Description</b>			
<p>Please explore two ways to reduce the frequency of GET requests for UI updates:</p> <p>a) is it possible for the UI to detect window/tab hide/unhide events? there is no reason to update the UI when it is not visible.</p> <p>b) is it possible to increase the time between consecutive requests, perhaps if no updates have been received for a while? Say, whenever there's an update, the requests happen at intervals of 1s, 1s, 2s, 5s, 10s, and then every 10s.</p> <p>The intervals should be configurable.</p>			

### Associated revisions

#### Revision aeadb7bf - 11/10/2011 12:43 pm - Kostas Papadimitriou

Improved updateHandler object, Refs #1245

- Optionally dynamically increased interval by specified value
- Event triggering/handling for recurrent API events

#### Revision 1cc6e94f - 11/10/2011 01:54 pm - Kostas Papadimitriou

A more sophisticated approach on UI update intervals, Refs #1245

Dynamically updated intervals of recurrent api calls.

- Start updating on UI\_UPDATE\_INTERVAL intervals.
- Increase interval by UI\_UPDATE\_INTERVAL\_INCREASE after UI\_UPDATE\_INTERVAL\_INCREASE\_AFTER\_CALLS\_COUNT notmodified responses. Increase should stop when UI\_UPDATE\_INTERVAL\_MAX is reached.
- On non notmodified responses and other api requests set interval to UI\_UPDATE\_INTERVAL\_FAST and continue by increasing it.

### History

#### #1 - 10/18/2011 05:45 pm - Vangelis Koukis

- Due date set to 11/11/2011

#### #2 - 11/10/2011 03:17 pm - Kostas Papadimitriou

- Status changed from Assigned to Feedback

A more sophisticated approach on UI update intervals has been committed on commit:1cc6e94

the intervals are now dynamically set by the following rules,

1. Start updating on UI\_UPDATE\_INTERVAL intervals.

2. Increase interval by UI\_UPDATE\_INTERVAL\_INCREASE after  
UI\_UPDATE\_INTERVAL\_INCREASE\_AFTER\_CALLS\_COUNT notmodified responses.  
Increase should stop when UI\_UPDATE\_INTERVAL\_MAX is reached.
3. On non notmodified responses and other api requests set interval  
to UI\_UPDATE\_INTERVAL\_FAST and continue by increasing it (step 1).

**#3 - 01/16/2012 06:21 pm - Vangelis Koukis**

- *Status changed from Feedback to Closed*