

Synnefo - Feature # 1245

Status:	Closed	Priority:	Low
Author:	Vangelis Koukis	Category:	Cyclades UI
Created:	09/22/2011	Assignee:	Kostas Papadimitriou
Updated:	01/16/2012	Due date:	11/11/2011
Subject:	Reduce frequency of GET requests for UI updates		
Description	<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