Slideshow - Bug #1148

Memory leak

01/09/2016 09:40 PM - Luke Murphey

Status:	Closed	**Start date:**	01/09/2016
Priority:	Normal	**Due date:**	
Assignee:	Luke Murphey	**% Done:**	100%
Category:		**Estimated time:**	0.00 hour
Target version:	2.3.1		

Description

History

#1 - 01/09/2016 09:41 PM - Luke Murphey

- Target version set to 2.3.1

#2 - 01/09/2016 09:48 PM - Luke Murphey

https://github.com/LukeMurphey/splunk-slideshow/issues/1

#3 - 01/09/2016 09:54 PM - Luke Murphey

I'm profiling this with the Unix app:

```
source=top PID=2683 | timechart max(RES) as memory
```

#4 - 01/09/2016 09:56 PM - Luke Murphey

Memory doesn't recover much when the show is stopped.

#5 - 01/10/2016 02:39 AM - Luke Murphey

This may indicate the root cause: http://stackoverflow.com/questions/12128458/iframes-and-memory-management-in-javascript

#6 - 01/12/2016 06:58 AM - Luke Murphey

The techniques in the first link failed. Trying these:
http://stackoverflow.com/questions/8407946/is-it-possible-to-use-iframes-in-ie-without-memory-leaks

#7 - 01/12/2016 06:59 AM - Luke Murphey

http://stackoverflow.com/questions/18644462/avoiding-memory-leaks-loading-content-into-an-iframe

#8 - 01/12/2016 07:16 AM - Luke Murphey

- Status changed from New to In Progress

#9 - 01/12/2016 07:17 AM - Luke Murphey

Things to look into:

1. Identify places where the the parent injects code into the other frame
    1. wireUpSlideFrameControls()
    2. nprogress
2. See if running in a new window fixes the problem

#10 - 01/13/2016 05:21 AM - Luke Murphey

Including the purge code, the overlay controls and removing the nprogress seems to fix the memory issue.

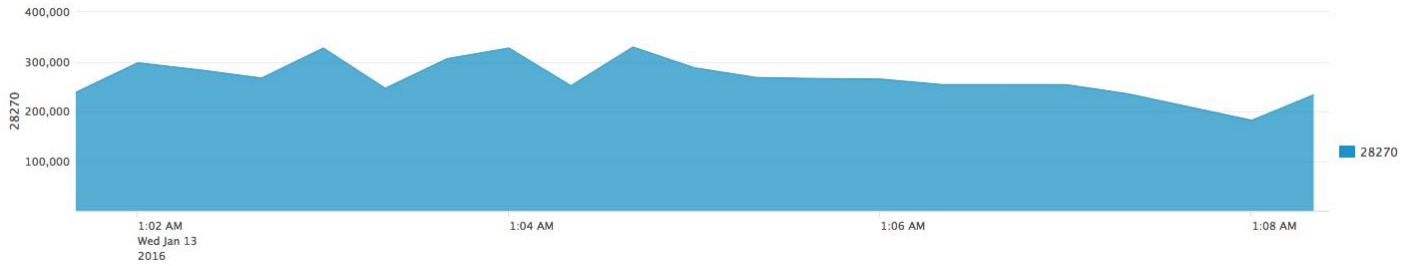**#11 - 01/13/2016 06:19 AM - Luke Murphey**

The progress indicator seems to be ok, it appears to be an issue with the overlay controls.

#12 - 01/13/2016 07:02 AM - Luke Murphey

Unbinding this.slideshow_window.document seems to fix the problem.

#13 - 01/13/2016 07:09 AM - Luke Murphey

- File memory_use.png added

#14 - 01/13/2016 07:10 AM - Luke Murphey

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Files

memory_use.png	33.9 KB	01/13/2016	Luke Murphey