Editing Simulation

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What is it?

All about typing experience simulation!

- A tool to measure the performance & user experience while typing
- “N” number of views joining to the document
- Start meshing the keyboard..

What you can do:

- Adjust the typing speed
- Define the duration
- Setup single or multiple views
- Have it report tile per request statistics and much more.
Why is it needed?
Why needed?

- Difficult and time consuming to measure performance without tools
- Even harder if not impossible for collaborative editing
- Not reliable without repeating the same steps.
How can one test it?
How to use it

- cd path/to/online/browser
- make perf-test <parameters>
  - Parameters are not documented yet. Feel free to check browser/Makefile.am
    and “perf-test:” label

Tools used and needed (preferably):

- Linux perf
- Hotspot
How to develop

Two files:

- browser/test/bootstrap.js
  - Starts the test, runs collabora online and spawns the views
- browser/test/load.js
  - Represents a view that is spawnd and makes the keyboard events

Technologies that are used

- Node.js
Conclusion

Easily discovered problems

- Sidebar, text composition, networking, rendering and much more.
- Performance gains up to 30% in cpu time
- Thanks to Michael, Miklos, Tor, Noel, Lubos, Tor
Easy discovery

diff --git a/sfx2/source/sidebar/SidebarController.cxx b/sfx2/source/sidebar/SidebarController.cxx
index 266a69f..db4f967 100644
--- a/sfx2/source/sidebar/SidebarController.cxx
+++ b/sfx2/source/sidebar/SidebarController.cxx
@@ -333,7 +333,8 @@ void SAL_CALL SidebarController::notifyContextChangeEvent (const css::ui::Context
      // calling with held
      // solarmutex

-     UpdateConfigurations();
+     if (!comphelper::LibreOfficeKit::isActive())
+        UpdateConfigurations();
 }
}
Thanks!

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