Exploring the deprecated parts of LibreOFfice API
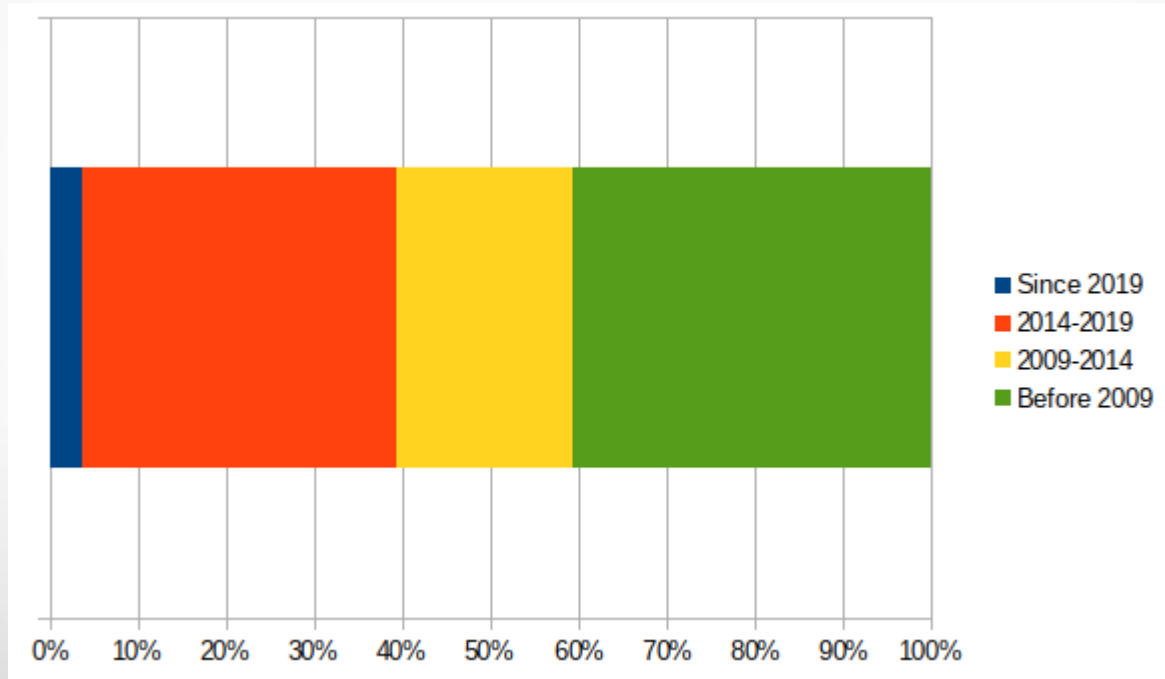
Gabor Kelemen, QA engineer

Some methods are @deprecated

- How many? Maybe too many?

- Since when? Maybe too long?

- git grep -nA7 @deprecated com/ cppu/ cppuhelper/ osl/ rtl/ sal/ salhelper/ systools/ typelib/ uno/

  - Focus only on this, but we also have:

    - git grep @deprecated offapi/ | grep -v offapi.idl | wc -l
      268

Results

- 135 methods/defines/classes in 42 files (of 197) seem to have been marked since 2001

Results

- Reported by bin/find-unusedheaders.sh as unused:
- Out of use header: include/salhelper/refobj.hxx
- Out of use header: include/cppuhelper/compbase8.hxx
- Out of use header: include/cppuhelper/compbase9.hxx
- Out of use header: include/cppuhelper/compbase7.hxx
- Out of use header: include/cppuhelper/compbase6.hxx
- Out of use header: include/cppuhelper/compbase10.hxx
- Out of use header: include/cppuhelper/compbase11.hxx
- Out of use header: include/cppu/EnvGuards.hxx
- Out of use header: include/cppu/Map.hxx

Conclusion

- There seems to be no policy to eventually purge such
- There seems to be no conscious effort to reduce the use of these in the code
    - 1 report found:
      Bug 49602 - Remove deprecated OSL Profile functionality
    - By searching for the affected file name in the comments
- My results so far:
  https://nextcloud.documentfoundation.org/s/4cRk66jksWiBaW4

Thanks for listening!