



Data for LibreOffice developers

- ▼ Markus Mohrhard
- ▼ 2018-10-26

Topic

- ▼ Huge project
- ▼ A lot of data to make life of a developer easier
- ▼ Where do I find these information?
- ▼ How do I use them?
- ▼ Limitations
- ▼ Ideas

Current data

Devcentral

▼ [Devcentral.libreoffice.org](https://devcentral.libreoffice.org)



Gerrit is the tools LibreOffice developers use for code review. This is where developers submit and review patches.

GERRIT



Tinderbox present the result of the many, many tinderboxes that build LibreOffice all day and all night.

TINDERBOX



LibreOffice has a Continuous Integration system, running gerrit verification jobs, tinderboxes and all sort of other task.

CONTINUOUS INTEGRATION



Bugzilla is the tools for LibreOffice developers, QA and users to submit, triage, handles bug reports.

BUGZILLA



LibreOffice has a Wiki where you can find a trove of information. It is a wiki, so help organize and keep the content up-to-date.

WIKI



OpenGrok is a source browser, that allows you to do search on the very large LibreOffice code base.

OPENGROK



The Online help for LibreOffice contains the end user documentation for Writer, Calc, Draw, Base, Math, and Basic.

ONLINE HELP



You will find the documentation and examples of use of the API for Universal Network Objects (UNO).

API FOR UNO



LibreOffice operate a Pootle server with which we manage the translation of the product in many languages.

POOTLE



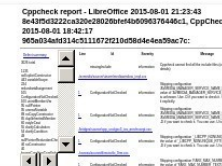
We run a set of Callgrind Performance tests, the result of which are presented graphically on there.

PERFORMANCE



We run the lcof code coverage tools daily.

CODE COVERAGE



We run a cppcheck regularly.

CPPCHECK

devcentral

- ▼ Links to many resources for developers
- ▼ Work in progress
 - ▼ Needs more work
 - ▼ Needs a web developer
- ▼ Bookmark this page!

gerrit

▼ [Gerrit.libreoffice.org](https://gerrit.libreoffice.org)

https://gerrit.libreoffice.org/#/q/status:open

Search

status:open

Register | Sign In

Search for status:open

Subject	Status	Owner	Project	Branch	Updated	Size	CR	V
Change vGDIObj pointer to unique_ptr to reduce WinMtfOutput complexity		Mark Page	core	master	9:33 AM			
let's use peaceful lexis		Douglas Mencken	core	master	8:11 AM			
Extension Manager: Reduce verbosity of messages		Samuel Mehrbrodt	core	master	8:02 AM			
tdf#97831 follow up improve error handling		Winfried Donkers	core	master	8:00 AM			
tdf#96097: Can't save a doc with signed macro after autosave/save a copy		Guillaume Smaha	core	libreoffice-5-1	7:44 AM		+1	
Avoid translation of numbers in mail merge dialogs	Merge Conflict	Olivier Hallot	core	master	7:43 AM		-1	
Shuffle operation to randomly shuffle a cell range		Tomaž Vajngerl	core	master	7:39 AM		-1	
Remove text from buttons in template manager		Olivier Hallot	core	master	4:37 AM			
Improve readability of All Templates button		Olivier Hallot	core	master	4:26 AM			
tdf#99030: PPTX import: Fixed lost slide background color		Matus Uzak	core	master	2:31 AM			
tdf#90736: PPTX import: Improved table border line style support		Matus Uzak	core	master	2:10 AM			
use initialization list in lotuswordpro		Jochen Nitschke	core	master	1:02 AM			
tdf#98037 SIDEBAR: Replacing 'Speed' drop downs with comboboxes (2)		Akshay Deep	core	master	Apr 28			
tdf#97831 [part] Add Excel 2016-Office 365 functions to Calc		Winfried Donkers	core	master	Apr 28			
use more makeAny for bool values		Noel Grandin	core	master	Apr 28			
Fix typos		Andrea Gelmini	core	master	Apr 28			
tdf#64654 create no extra SdrModels, do not insert PresObj		Armin Le Grand	core	master	Apr 28			
Add parallelization to 3D software renderer		Armin Le Grand	core	master	Apr 28			
Reduce scope of variables		Takeshi Abe	core	master	Apr 28			
tdf#98924 In windows, change the keyboard layout per application		Juergen Funk (CIB)	core	master	Apr 28			
tdf#62525 vcl: use cow_wrapper for mapmod		Xisco Faulí	core	master	Apr 28			
tdf#62525 vcl: use cow_wrapper for lineinfo		Xisco Faulí	core	master	Apr 28			
tdf#89466: Give those slots a separate GetState method	Merge Conflict	Katarina Behrens	core	master	Apr 28			
tdf#89466: Access to page setup dialog, alignment of labels	Merge Conflict	Katarina Behrens	core	master	Apr 28			
tdf#89466: Slide Background tab		Rishabh Kumar	core	master	Apr 28			

Next⇒

impressum (german legal rubbish)

Powered by Gerrit Code Review (2.11.8) | Report Bug | Press '?' to view keyboard shortcuts

gerrit

- ▼ Same name for two things
 - ▼ Main git repository
 - ▼ Contains nearly all TDF repositories
 - ▼ Review platform
 - ▼ No commit access => Push to review
 - ▼ Release branches, e.g. libreoffice-5-1
- ▼ All open commits

jenkins

▼ ci.libreoffice.org

All	Metrics	Monitor				
S	W	Name ↓	Last Statuses	Last Duration	Built On	Number of builds
		Callgrind Linux	10 hr > 3.7 days	3 hr 3 min	vm139	80 0 3
		Lcov report generator for master	18 hr > 3.8 days	5 hr 56 min	tb31	5 0 3
		LibreOffice Gerrit	26 min > 54 min	46 min	Jenkins	342 0 97
		lo bibisect_mac 5 1	3.8 mo	4 min 54 sec	tb66	168 0 0
		lo bibisect_mac 5 2	9.6 min	12 sec	tb66	200 0 0
		lo bibisect_win32 5 1	4.7 mo	4.3 sec	tb68-bytemark	200 0 0
		lo bibisect_win32 5 2	4.7 mo > 4.7 mo	2 min 19 sec	tb68-bytemark	166 0 34
		Tinderbox on libreoffice-4-4 for Mac	5.2 mo > 5.2 mo	11 min	tb59	8 0 4
		Tinderbox on libreoffice-5-0 for Mac	2.3 days > 2.4 days	2 min 2 sec	tb66	16 0 1
		Tinderbox on libreoffice-5-1 for Mac ▼	2 hr > 9.4 days	2 min 24 sec	tb69	34 0 4
		Tinderbox on Master for Linux	2.9 min > 20 hr	2 min 7 sec	gandalf	187 1 12
		Tinderbox on Master for Linux-DbgUtil	1.1 hr > 24 hr	6 min 49 sec	tb75-lllth	252 3 12
		Tinderbox on Master for MacOSX	2.9 min > 1.1 hr > 4.4 days	2 min 40 sec	tb69	278 3 5
		Tinderbox on Master for MacOSX-DbgUtil	4.9 min > 4.1 days	3 min 47 sec	tb66	288 0 5
		Tinderbox on Master for Win64-Debug	1.1 hr > 3.5 days	8 min 15 sec	tb72	230 3 13
		Tinderbox on Master for Windows	58 min > 3.9 days	9 min 28 sec	tb73	236 1 8
		Tinderbox on Master for Windows-Debug	56 min > 3.9 days	7 min 20 sec	tb72	218 3 8
		UBSAN Linux Build	7.2 hr > 10 days	2 hr 11 min	tb76-maggie	9 0 3

[Legend](#)  [RSS for all](#)  [RSS for failures](#)  [RSS for just latest builds](#)

jenkins

- ▼ All automated builds
- ▼ Website with overview
- ▼ Also contains gerrit verification builds
- ▼ Logs for builds, ...

Tinderboxes

▼ tinderbox.libreoffice.org

Tinderboxes

Tinderbox Status Page tree: MASTER

Created at: Fri Apr 29 09:40

[Add to Notice Board](#)

[Regenerate HTML Pages](#)

[Administrate this tree \(MASTER\)](#)

[Tinderbox Index](#)

Build Time	Time (UTC)	Guilty	Android-ARM 24-ByteMark-Hosting	Jenkins_Collgrind	Jenkins_Linux	Jenkins_Linux_Dbg	Jenkins_Linux_Ubuntu	Jenkins_MacOSX	Jenkins_MacOSX_Dbg	Jenkins_Win64_Dbg	Jenkins_Windows	Jenkins_Windows_Dbg	Linux-ARM 64 14-64bit-check	Linux-4Ubuntu-x86 64 54-TDE	Linux-deb-x86 64 56-10m-ubuntu-trusty	Linux-ppc-deb-x86 64 78-TDE
04/29 09:40	04/29 07:40															
09:30	07:30													details		
09:20	07:20															details
09:10	07:10		details													
09:00	07:00										details jenkins on tb72 core	details jenkins on tb72 core				
04/29 08:50	04/29 06:50				details errs: 1 jenkins on tb75-1111th core			details jenkins on tb68	details jenkins on tb72 core			details jenkins on tb73 core			details core	
08:40	06:40			details errs: 1 jenkins on gandalf core				details jenkins on tb68 core			details jenkins on tb72 core					
08:30	06:30															details errs: 9 core
08:20	06:20				details errs: 1 jenkins on tb75-1111th core				details jenkins on tb72 core	details jenkins on tb73 core	details jenkins on tb72 core	details jenkins on tb72 core		details core		
08:10	06:10			details errs: 1 jenkins on gandalf core				details jenkins on tb68	details jenkins on tb72 core							
08:00	06:00		details errs: 31 core							details jenkins on tb72 core						
04/29 07:50	04/29 05:50				details errs: 1 jenkins on tb75-1111th core						details jenkins on tb72 core	details jenkins on tb72 core			details core	
07:40	05:40			details errs: 1 jenkins on gandalf core				details jenkins on tb68	details jenkins on tb72 core							
07:30	05:30															
07:20	05:20															

Tinderboxes

- ▼ Part of the CI infrastructure
- ▼ Build LibreOffice on different platform & configuration
- ▼ Website + mail when broken

Coverity

Scan.coverity.com

https://scan5.coverity.com/reports.htm#v34243/p10276

LibreOffice

Return to Dashboard Guided Tour Help Markus Mohrhard Enter CID(s)

Issues: Project Scope | All In Project

	Type	Impact	First Detected	Owner	Classification	Severity	Action	Component	Category
58589	Uninitialized scalar field	Medium	04/17/16	caolanm@redt	Bug	Insignifican	Fix Submi	Other	Uninitialized members
58588	Uninitialized scalar field	Medium	04/17/16	caolanm@redt	Bug	Insignifican	Fix Submi	Other	Uninitialized members
58587	Uncaught exception	Medium	04/17/16	Unassigned	Intentional	Insignifican	Ignore	Other	Error handling issues
58586	Using invalid iterator	Medium	04/17/16	caolanm@redt	Bug	Insignifican	Fix Submi	Other	API usage errors
58585	Logically dead code	Medium	04/17/16	Unassigned	Intentional	Unspecifec	Undecidei	draw	Control flow issues
58429	Dereference before null check	Medium	04/10/16	vmiklos@vmikl	Bug	Moderate	Fix Submi	draw	Null pointer dereferences
58428	Dereference before null check	Medium	04/10/16	tomaz.vajngerl	Bug	Moderate	Fix Submi	Other	Null pointer dereferences
58427	Dereference null return value	Medium	04/10/16	vmiklos@vmikl	Bug	Moderate	Fix Submi	draw	Null pointer dereferences
58391	Inferred misuse of enum	Medium	04/08/16	Unassigned	Unclassified	Unspecifec	Undecidei	writer	Incorrect expression
58119	Uninitialized scalar field	Medium	04/04/16	Unassigned	Unclassified	Unspecifec	Undecidei	calc	Uninitialized members
58029	Dereference null return value	Medium	03/31/16	caolanm@redt	Bug	Insignifican	Fix Submi	writer	Null pointer dereferences
58028	Dereference null return value	Medium	03/31/16	caolanm@redt	Bug	Insignifican	Fix Submi	writer	Null pointer dereferences
58027	Using invalid iterator	Medium	03/31/16	caolanm@redt	Bug	Insignifican	Fix Submi	Other	API usage errors
57172	Unused value	Low	03/24/16	sbergman@rei	Bug	Insignifican	Fix Submi	writer	Code maintainability issues
57171	Uninitialized scalar field	Medium	03/24/16	vmiklos@vmikl	Bug	Unspecifec	Fix Submi	writer	Uninitialized members
57170	Uninitialized scalar field	Medium	03/24/16	vmiklos@vmikl	Bug	Unspecifec	Fix Submi	writer	Uninitialized members
57167	Missing break in switch	Medium	03/24/16	vmiklos@vmikl	Bug	Unspecifec	Fix Submi	writer	Control flow issues
57166	Explicit null dereferenced	Medium	03/24/16	Unassigned	Unclassified	Unspecifec	Undecidei	writer	Null pointer dereferences
57165	Division or modulo by zero	Medium	03/24/16	Unassigned	Bug	Unspecifec	Fix Submi	draw	Integer handling issues
57164	Division or modulo by zero	Medium	03/24/16	Unassigned	Bug	Unspecifec	Fix Submi	draw	Integer handling issues
57163	'Constant' variable guards dead code	Low	03/24/16	sbergman@rei	Bug	Insignifican	Fix Submi	Other	Possible Control flow issues
57162	Logically dead code	Medium	03/24/16	sbergman@rei	Bug	Insignifican	Fix Submi	Other	Control flow issues
56339	Uninitialized pointer field	Medium	03/15/16	caolanm@redt	Bug	Moderate	Fix Submi	calc	Uninitialized members
56338	Resource leak	High	03/15/16	Unassigned	Intentional	Insignifican	Ignore	Other	Resource leaks
56337	Resource leak	High	03/15/16	Unassigned	Unclassified	Unspecifec	Undecidei	draw	Resource leaks
55507	Uninitialized scalar field	Medium	03/10/16	caolanm@redt	Bug	Major	Fix Submi	Other	Uninitialized members
55505	Uninitialized scalar field	Medium	03/10/16	caolanm@redt	Bug	Minor	Fix Submi	Other	Uninitialized members
55503	Dereference before null check	Medium	03/10/16	caolanm@redt	Bug	Minor	Fix Submi	Other	Null pointer dereferences
55502	Dereference before null check	Medium	03/10/16	caolanm@redt	Bug	Minor	Fix Submi	Other	Null pointer dereferences
55501	Dereference after null check	Medium	03/10/16	caolanm@redt	Bug	Minor	Fix Submi	Other	Null pointer dereferences
55500	Non-array delete for scalars	Low	03/10/16	sbergman@rei	Bug	Minor	Fix Submi	Other	Compiler dependency
55499	Unchecked return value	Medium	03/10/16	caolanm@redt	Bug	Insignifican	Fix Submi	Other	Error handling issues
55498	Unchecked return value	Medium	03/10/16	Unassigned	Unclassified	Unspecifec	Undecidei	Other	Error handling issues

Coverity

- ▼ Static analysis
- ▼ Not hosted by TDF
- ▼ Free for us, 2 runs a week
- ▼ Mail to the developer list with new reports
- ▼ ~0 open issues

cppcheck

http://dev-builds.libreoffice.org/cppcheck_reports/master/

Cppcheck report - LibreOffice 2016-04-23 22:51:04 f5523a6ef40197164a2bb56a5f58abc73757568d, CppCheck 2016-04-23 09:18:28 0635ceb42a76a6589fd5a5877256590dbd23c65d:

Defect summary:

Show # Defect ID

- ☒ 289 allocaCalled
- ☒ 260 redundantAssignme
- ☒ 258 variableScope
- ☒ 254 duplinheritedMembe
- ☒ 252 noExplicitConstruct
- ☒ 230 useInitializationList
- ☒ 163 knownConditionTrue
- ☒ 115 uninitMemberVar
- ☒ 104 nullPointer
- ☒ 100 ConfigurationNotChk
- ☒ 100 noCopyConstructor
- ☒ 83 unreadVariable
- ☒ 70 cstyleCast
- ☒ 54 clarifyCondition
- ☒ 47 clarifyCalculation
- ☒ 44 nullPointerRedunda
- ☒ 33 syntaxError
- ☒ 28 duplicateExpression
- ☒ 25 invalidPrintArgType
- ☒ 25 noConstructor
- ☒ 19 nullPointerDefaultAr
- ☒ 16 uninitvar
- ☒ 13 unusedStructMemb
- ☒ 11 invalidPointerCast
- ☒ 8 memleak
- ☒ 8 passedByValue
- ☒ 7 assertWithSideEffect
- ☒ 7 unspecifiedOrderCondi

Line	Id	CWE	Severity	Message
	missingInclude		information	Cppcheck cannot find all the include files (use --check-config for details)
	/avmedia/source/viewer/mediawindow_impl.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'AVMEDIA_MANAGER_SERVICE_NAME_FALLBACK1' since the value of 'AVMEDIA_MANAGER_SERVICE_NAME_FALLBACK1' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'AVMEDIA_MANAGER_SERVICE_NAME_OLD' since the value of 'AVMEDIA_MANAGER_SERVICE_NAME_OLD' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/bridges/source/cpp_uno/gcc3_ios_arm/except.cxx			
1	ConfigurationNotChecked		information	Skipping configuration '_LIBCPP_NONUNIQUE_RTTI_BIT' since the value of '_LIBCPP_NONUNIQUE_RTTI_BIT' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/canvas/source/directx/dx_9rm.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'FAKE_MAX_NUMBER_TEXTURES' since the value of 'FAKE_MAX_NUMBER_TEXTURES' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'FAKE_MAX_TEXTURE_SIZE' since the value of 'FAKE_MAX_TEXTURE_SIZE' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/connectivity/source/drivers/ado/ADatabaseMetaDataMember.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'DELETE' since the value of 'DELETE' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/connectivity/source/drivers/ado/APreparedStatement.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'max' since the value of 'max' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/connectivity/source/drivers/ado/adoimp.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'DELETE' since the value of 'DELETE' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/cppu/source/uno/loadmodule.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/extensions/source/config/ldap/ldapaccess.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'LDAP_X_OPT_CONNECT_TIMEOUT' since the value of 'LDAP_X_OPT_CONNECT_TIMEOUT' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'LDAP_X_OPT_CONNECT_TIMEOUT_WIN32' since the value of 'LDAP_X_OPT_CONNECT_TIMEOUT' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/hwppfilter/source/grammar.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'YYLSP_NEEDED_yyoverflow' since the value of 'yyoverflow' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'yyoverflow' since the value of 'yyoverflow' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/hwppfilter/source/lexer.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'YY_MALLOC_DECL' since the value of 'YY_MALLOC_DECL' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'YY_USER_INIT' since the value of 'YY_USER_INIT' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/i18npool/source/collator/collator_unicode.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/i18npool/source/indexentry/indexentrysupplier_asian.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/i18npool/source/textconversion/textconversion.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/i18npool/source/transliteration/textToPronounce_zh.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'SAL_DLLPREFIX' since the value of 'SAL_DLLPREFIX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.
	/lotuswordpro/source/filter/loctime.cxx			
1	ConfigurationNotChecked		information	Skipping configuration 'LONG_MAX' since the value of 'LONG_MAX' is unknown. Use -D if you want to check it. You can use -U to skip it explicitly.

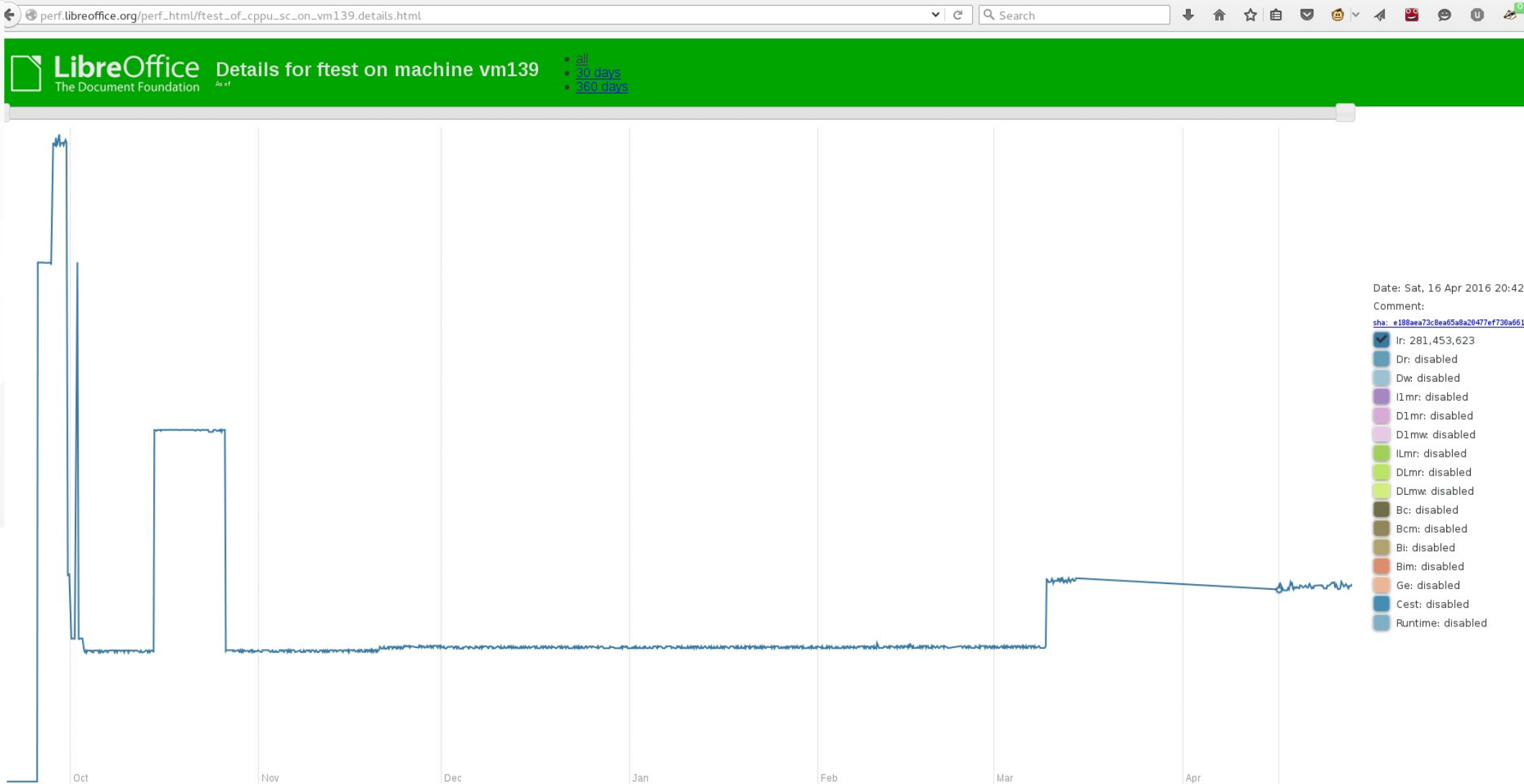
cppcheck

- ▼ Static analysis
- ▼ Open source tool
- ▼ Runs on a TDF server weekly
- ▼ Mail to developer list + website
- ▼ Many open issues
 - ▼ Many false positives
 - ▼ Read reports with care

Performance testing

▼ perf.libreoffice.org

Perf.libreoffice.org



Perf.libreoffice.org

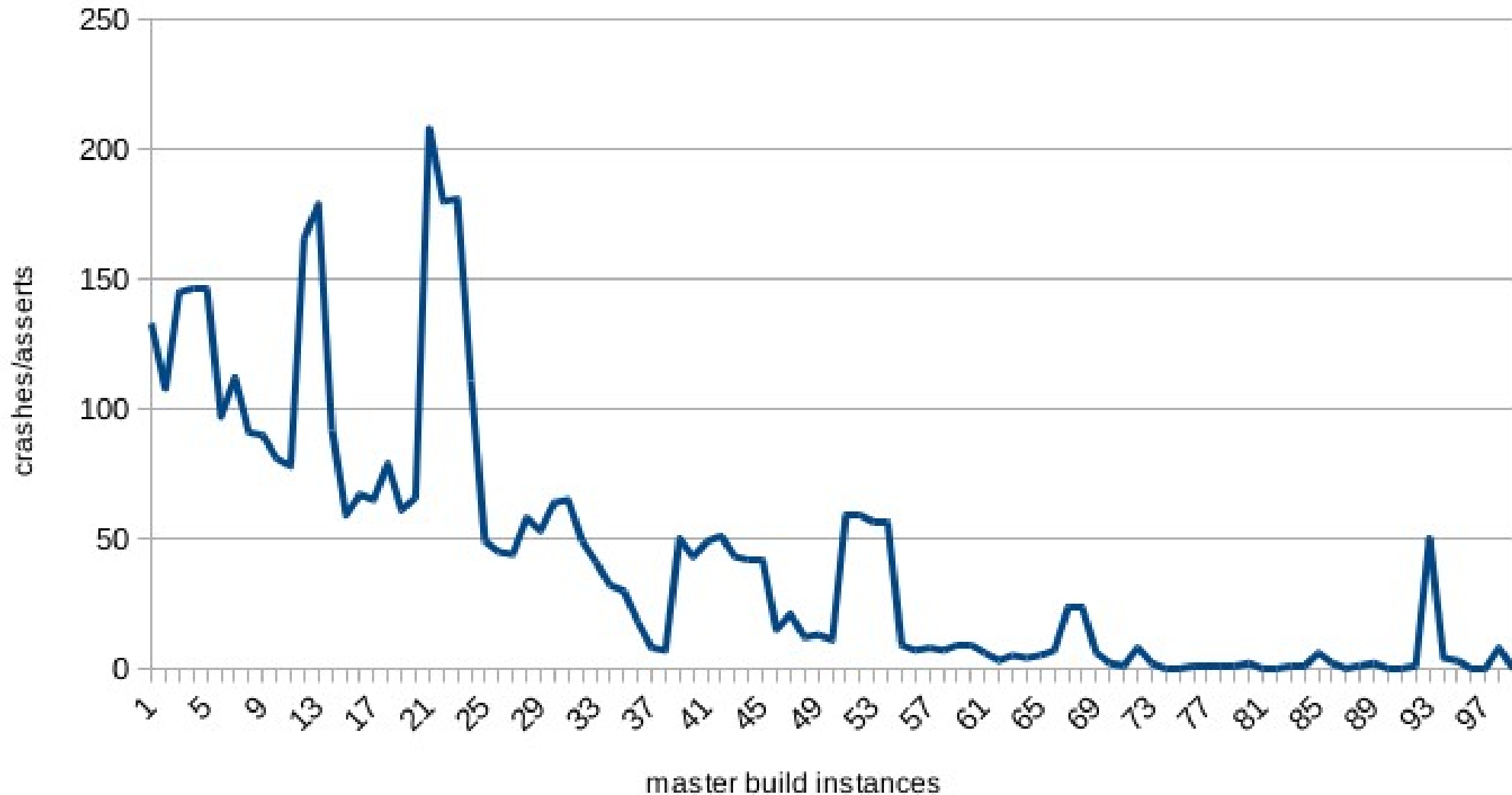
- ▼ Automated performance testing
- ▼ Run on TDF CI infrastructure
- ▼ No mails, only website
- ▼ Small fluctuations in runs
 - ▼ Only look at huge spikes
- ▼ Own code, always needs new web developers
 - ▼ Talk to Norbert or me

Crash testing & Validation testing

▼ dev-builds.libreoffice.org/crashtest/

Crash testing & Validation testing

Import crashes over time



Crash testing & Validation testing

- ▼ Run on huge TDF server
- ▼ Runs every few days
- ▼ Mail to developer list and archive on dev-www.libreoffice.org
 - ▼ Only csv files and log files
- ▼ ~0 open crashes
- ▼ ~30k open validation errors
 - ▼ Many duplicates
- ▼ Allows to add assert to import/export code and see which docs hit it

Lcov

▼ [Lcov.libreoffice.org](https://lcov.libreoffice.org)

LCOV - code coverage report

Current view: [top level](#)

Test: [jenkins core coverage \(view descriptions \)](#)

Date: 2016-04-28 19:26:38

Legend: Rating: low: < 75 % medium: >= 75 % high: >= 90 %

	Hit	Total	Coverage
Lines:	995714	2282080	43.6 %
Functions:	195094	385057	50.7 %

Directory	Line Coverage	Functions
/home/tdf/lode/jenkins/workspace/internal_lcov_master	0.0 % 0 / 3	0.0 % 0 / 1
UnoControls/inc	25.0 % 2 / 8	30.0 % 3 / 10
UnoControls/source/base	6.3 % 41 / 648	7.4 % 9 / 121
UnoControls/source/controls	8.1 % 75 / 931	15.2 % 21 / 138
UnoControls/source/inc	0.0 % 0 / 2	0.0 % 0 / 3
accessibility/inc/accessibility/extended	2.3 % 3 / 130	2.6 % 2 / 78
accessibility/inc/accessibility/helper	34.7 % 25 / 72	53.8 % 28 / 52
accessibility/inc/accessibility/standard	25.0 % 2 / 8	25.0 % 2 / 8
accessibility/source/extended	3.0 % 169 / 5640	3.5 % 34 / 963
accessibility/source/helper	63.8 % 111 / 174	56.1 % 23 / 41
accessibility/source/standard	38.2 % 1865 / 4880	43.5 % 361 / 830
animations/source/animcore	54.3 % 422 / 777	63.1 % 99 / 157
avmedia/source/framework	10.8 % 92 / 848	31.7 % 38 / 120
avmedia/source/gstreamer	0.0 % 0 / 589	0.0 % 0 / 94
avmedia/source/openssl	18.6 % 80 / 430	18.2 % 14 / 77
avmedia/source/viewer	6.1 % 38 / 626	6.5 % 7 / 107
basctl/source/accessibility	0.3 % 2 / 701	3.8 % 4 / 104
basctl/source/basicide	1.4 % 146 / 10726	5.1 % 58 / 1142
basctl/source/dlged	0.3 % 7 / 2550	6.6 % 14 / 212
basctl/source/inc	2.8 % 3 / 109	2.8 % 3 / 106
basegfx/source/color	48.8 % 98 / 201	30.2 % 13 / 43
basegfx/source/curve	64.5 % 304 / 471	77.4 % 24 / 31
basegfx/source/inc	87.5 % 189 / 216	85.4 % 41 / 48
basegfx/source/matrix	81.7 % 470 / 575	82.9 % 58 / 70
basegfx/source/numeric	75.0 % 6 / 8	100.0 % 1 / 1
basegfx/source/point	62.3 % 48 / 77	71.4 % 5 / 7
basegfx/source/polygon	67.3 % 4646 / 6902	78.9 % 496 / 629
basegfx/source/range	87.1 % 305 / 350	90.0 % 72 / 80
basegfx/source/raster	78.9 % 116 / 147	90.0 % 9 / 10
basegfx/source/tools	39.9 % 414 / 1037	42.5 % 54 / 127
basegfx/source/tuple	66.7 % 8 / 12	80.0 % 4 / 5
basegfx/source/vector	87.5 % 112 / 128	85.7 % 18 / 21
basegfx/test	100.0 % 1073 / 1073	99.3 % 270 / 272

Icov

- ▼ Generates reports about test coverage
- ▼ Runs weekly on TDF server
- ▼ Mail to developer list + website
- ▼ Currently broken
- ▼ Useful if you want to add tests
 - ▼ Check which features are not covered yet

UBSAN

▼ ci.libreoffice.org/job/lo_ubsan/

ci.libreoffice.org

Jenkins

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ENABLE AUTO REFRESH

People

Build History

Build Queue (1)

Callgrind Linux

Build Executor Status

master

1 Idle

2 Idle

3 Idle

gandalf

1 Idle

tb31

1 Idle

tb57

1 Idle

tb58

1 Idle

tb59

1 Idle

tb60

1 Idle

tb66

1 Idle

tb68-bytemark

1 Idle

tb69

1 Idle

All Metrics Monitor

S	W	Name ↓	Last Statuses	Last Duration	Built On	Number of builds
		Callgrind Linux	10 hr > 3.7 days	3 hr 3 min	vm139	80 0 3
		Lcov report generator for master	18 hr > 3.8 days	5 hr 56 min	tb31	5 0 3
		LibreOffice Gerrit	26 min > 54 min	46 min	Jenkins	342 0 97
		lo_bibisect_mac_5_1	3.8 mo	4 min 54 sec	tb66	168 0 0
		lo_bibisect_mac_5_2	9.6 min	12 sec	tb66	200 0 0
		lo_bibisect_win32_5_1	4.7 mo	4.3 sec	tb68-bytemark	200 0 0
		lo_bibisect_win32_5_2	4.7 mo > 4.7 mo	2 min 19 sec	tb68-bytemark	166 0 34
		Tinderbox on libreoffice-4-4 for Mac	5.2 mo > 5.2 mo	11 min	tb59	8 0 4
		Tinderbox on libreoffice-5-0 for Mac	2.3 days > 2.4 days	2 min 2 sec	tb66	16 0 1
		Tinderbox on libreoffice-5-1 for Mac	2 hr > 9.4 days	2 min 24 sec	tb69	34 0 4
		Tinderbox on Master for Linux	2.9 min > 20 hr	2 min 7 sec	gandalf	187 1 12
		Tinderbox on Master for Linux-DbgUtil	1.1 hr > 24 hr	6 min 49 sec	tb75-illith	252 3 12
		Tinderbox on Master for MacOSX	2.9 min > 1.1 hr > 4.4 days	2 min 40 sec	tb69	278 3 5
		Tinderbox on Master for MacOSX-DbgUtil	4.9 min > 4.1 days	3 min 47 sec	tb66	288 0 5
		Tinderbox on Master for Win64-Debug	1.1 hr > 3.5 days	8 min 15 sec	tb72	230 3 13
		Tinderbox on Master for Windows	58 min > 3.9 days	9 min 28 sec	tb73	236 1 8
		Tinderbox on Master for Windows-Debug	56 min > 3.9 days	7 min 20 sec	tb72	218 3 8
		UBSAN Linux Build	7.2 hr > 10 days	2 hr 11 min	tb76-maggie	9 0 3

Icon: [S](#) [M](#) [L](#)

Legend [RSS for all](#) [RSS for failures](#) [RSS for just latest builds](#)

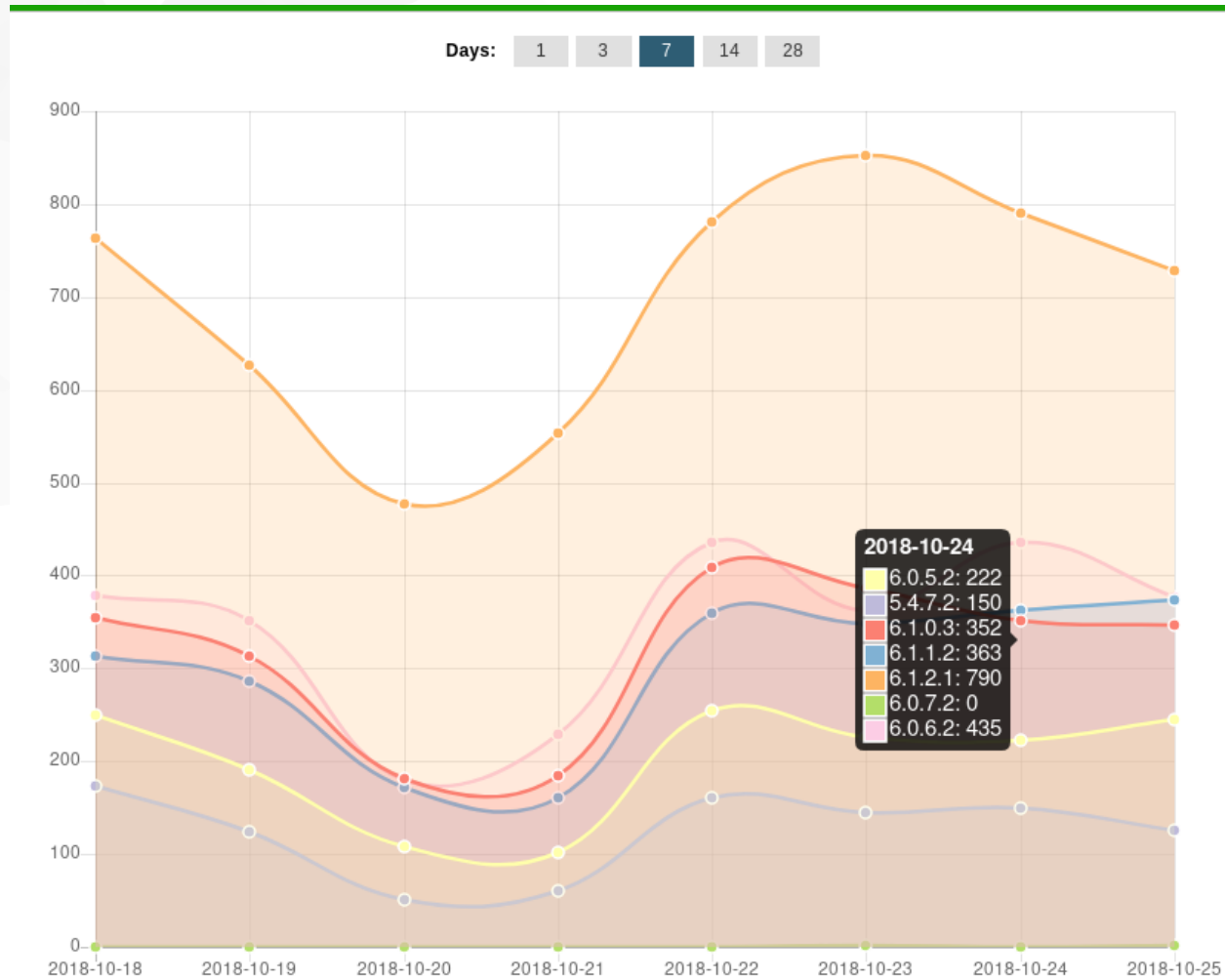
UBSAN

- ▼ Undefined Behavior Sanitizer
- ▼ Runs as part of CI
- ▼ Only jenkins, no mails
- ▼ Finds coding errors
- ▼ Monitored by Stephan Bergmann
- ▼ Similar to Asan (Address Sanitizer) and Lsan (Leak Sanitizer)
 - ▼ Find other coding errors

Crash reporter

<http://crashreport.libreoffice.org/stats/>

Crash reporter



Crash report

Details	Metadata	Modules	Raw Dump
Signature		SfxApplication::GetAppDispatcher_Impl()	
UUID		a91f13c3-f993-43f3-b0fc-e46638f35a90	
Version		Version: 6.1.0.3	
Upload Time		Oct. 26, 2018, 7:41 a.m.	
OS		windows	
OS details		10.0.17134	
Build Architecture		x86	
CPU Info		GenuineIntel family 6 model 142 stepping 9	
Crash Reason		EXCEPTION_ACCESS_VIOLATION_READ	
Crash Address		0x14	
Crash Thread		0	

Bug reports for SfxApplication::GetAppDispatcher_Impl():

File a bug for: [Calc](#) [Writer](#) [Impress](#) [Chart](#) [Base](#)

Crashing Thread

Frame	Module	Signature	Source
0	mergedlo.dll	SfxApplication::GetAppDispatcher_Impl()	sfx2/source/appl/appmisc.cxx:124
1	mergedlo.dll	`anonymous namespace'::SfxAppDispatchProvider::queryDispatch	sfx2/source/appl/appdispatchprovider.cxx:132
2	mergedlo.dll	framework::DispatchProvider::implts_searchProtocolHandler(com::sun::star::util::URL const &)	framework/source/dispatch/dispatchprovider.cxx:483
3	mergedlo.dll	framework::DispatchProvider::implts_queryDesktopDispatch(com::sun::star::uno::Reference<com::sun::star::frame::XFrame> const &, com::sun::star::util::URL const &, rtl::OUString const &, long)	framework/source/dispatch/dispatchprovider.cxx:209
4	mergedlo.dll	framework::DispatchProvider::queryDispatch(com::sun::star::util::URL const &, rtl::OUString const &, long)	framework/source/dispatch/dispatchprovider.cxx:108

Crash report

- ▼ Collects report of crashed LibreOffice instances from users
- ▼ Aggregates the reports based on backtraces
- ▼ Referenced to and from bug reports
- ▼ If you like to improve your detective skills and fix crashes



Thank you ...

- ▼ ... for listening!
- ▼ ... for supporting LibreOffice!



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