

Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
50637	TYPO3.Flow	Feature	Resolved	Should have	Allow arbitrary HTTP request methods	Robert Lemke	Http	2.x	No
50636	TYPO3.Flow	Bug	Resolved	Should have	CurlEngine tries to rewind stream	Robert Lemke	Http	2.x	No
49190	TYPO3.Flow	Feature	Resolved	Should have	Cap amount of entries removed by Session Garbage Collector	Robert Lemke	Session	2.0	No
49189	TYPO3.Flow	Bug	Resolved	Must have	Session storage has poor performance for hundreds of sessions	Robert Lemke	Session	2.0	No
49185	TYPO3.Flow	Feature	Resolved	Should have	Iterator support for Cache Frontends / Backends	Robert Lemke	Cache	2.0	No
49021	TYPO3.Flow	Bug	Resolved	Must have	Session garbage collection is non functional	Robert Lemke	Session	2.0	No
47473	TYPO3.Flow	Bug	Resolved	Must have	Role->setParentRoles() fails if array of roles contains duplicates	Robert Lemke	Security	2.0	No
47469	TYPO3.Flow	Bug	Resolved	Must have	ActionController issues PHP warning if it contains methods with short names	Robert Lemke	MVC	2.0	No
47252	TYPO3.Flow	Feature	Resolved	Must have	Skip CSRF protection and persistence for "safe" request methods	Robert Lemke	MVC	2.0	No
46703	TYPO3.Flow	Bug	Resolved	Should have	Session has side effects in functional tests	Robert Lemke	Session	2.0	No
45219	TYPO3.Flow	Bug	Resolved	Should have	Malformed DocBlock causes fatal error in ProxyClassBuilder	Robert Lemke	Object	2.0	No
44730	TYPO3.Flow	Feature	Resolved	Should have	Support stream resources as content for HTTP Request		Http	2.1	No
43832	TYPO3.Flow	Feature	Resolved	Should have	Taggable Sessions	Robert Lemke	Session	2.0 beta 1	No
43673	TYPO3.Flow	Bug	Resolved	Should have	Session shutdown might keep destroyed session alive	Robert Lemke	Session	2.0 beta 1	No
43590	TYPO3.Flow	Bug	Resolved	Must have	Session initialization fails in functional test cases	Robert Lemke	Session	2.0 beta 1	No
43491	TYPO3.Flow	Feature	Resolved	Should have	API for touching remote sessions and tagging sessions with account	Robert Lemke	Session	2.0 beta 1	No
43376	TYPO3.Flow	Feature	Resolved	Must have	Remote session management	Robert Lemke	Session	2.0 beta 1	No
43190	TYPO3.Flow	Bug	Accepted	Should have	Misleading exception message for incompatible database structure	Karsten Dambekalns	Persistence	2.0.1	No
43110	TYPO3.Flow	Bug	Resolved	Must have	FlowSession: renewId() loses data of existing session	Robert Lemke	Session	2.0 beta 1	No
42781	TYPO3.Flow	Task	Rejected	Should have	Introduce global function flow_var_dump()	Robert Lemke	Error	2.0 beta 1	No
42761	TYPO3.Flow	Feature	Resolved	Should have	Let getByTag() return the identifiers, not only the values	Robert Lemke	Cache	2.0 beta 1	No
42601	TYPO3.Flow	Bug	Under Review	Must have	Content Security: QOM rewriting is omitted if used in certain cases in an Action Controller	Robert Lemke	Security	2.0.1	No
42403	TYPO3.Flow	Feature	Resolved	Should have	Session handler based on HTTP foundation with multi-backend support	Robert Lemke	Session	2.0 beta 1	No
42342	TYPO3.Flow	Bug	Resolved	Should have	Fatal error / no possibility to flush caches after package has been removed	Christian Jul Jensen	Package	2.0 beta 1	No
41900	TYPO3.Flow	Feature	Accepted	Should have	Check for duplicate PSR-0 autoload namespaces	Christian Jul Jensen	Package		No
41136	TYPO3.Flow	Feature	Resolved	Should have	Convenience function for registering routes in functional tests	Robert Lemke	- Testing -	2.0 beta 1	No

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
40890	TYPO3.Flow	Bug	Resolved	Should have	Display error message if Data is not writeable	Robert Lemke	Core	2.0 beta 1	No
40414	TYPO3.Flow	Feature	Resolved	Should have	cURL request engine for HTTP browser	Robert Lemke	Http	2.0 beta 1	No
40372	TYPO3.Flow	Bug	Resolved	Should have	Headers::has() always returns FALSE for Cache-Control	Robert Lemke	Http	1.1.1	No
39836	TYPO3.Flow	Feature	Resolved	Must have	Finish implementation of cookie support	Robert Lemke	Http	1.1	No
39792	TYPO3.Flow	Feature	Resolved	Should have	Implement support for localized resources	Karsten Dambekalns	I18n	2.0 beta 1	No
39791	TYPO3.Flow	Bug	New	Must have	Reflection data of old aspect is not removed		Reflection	1.1.1	No
39424	TYPO3.Flow	Task	Resolved	Should have	Write documentation for HTTP framework	Robert Lemke	- Documentation -	1.1	No
39267	TYPO3.Flow	Bug	Resolved	Should have	RsaWalletServicePhp saves keys even if not modified	Robert Lemke	Security	1.1	No
38944	TYPO3.Flow	Task	Resolved	Should have	Write chapter about command line interface	Robert Lemke	- Documentation -	1.1	No
37584	TYPO3.Flow	Feature	Resolved	Should have	Reliable getClientIpAddress() method	Robert Lemke	Http	1.1 beta 2	No
37561	TYPO3.Flow	Feature	Resolved	Should have	Re-implement Accept Header / Content Negotiation support	Robert Lemke	Http	1.1 beta 2	No
37376	TYPO3.Flow	Feature	Resolved	Should have	Application-wide time stamp representing "now"	Robert Lemke	Utility	1.1 beta 2	No
37259	TYPO3.Flow	Task	Resolved	Must have	Improve spec coverage of Request / Response classes	Robert Lemke	Http	1.1 RC1	No
37223	TYPO3.Flow	Bug	Resolved	Must have	Packages can be frozen in Production Context	Karsten Dambekalns	Package	1.1 beta 3	No
36943	TYPO3.Flow	Task	Resolved	Should have	Catch exceptions in HTTP Browser	Robert Lemke	Http	1.1 beta 1	No
36840	TYPO3.Flow	Task	Accepted	Should have	Improve exception for wrong locales	Karsten Dambekalns	I18n		No
36813	TYPO3.Flow	Feature	Resolved	Should have	Provide function for outputting word wrapped text to the command line	Robert Lemke	Cli	1.1 beta 1	No
36804	TYPO3.Flow	Bug	New	Should have	Orphaned entities within aggregates are not removed		Persistence		No
36800	TYPO3.Flow	Task	Accepted	Should have	Streamline Resource object API	Robert Lemke	Resource		No
36659	TYPO3.Flow	Bug	Resolved	Must have	Functional test sees account roles from previous test	Robert Lemke	Security	1.1 beta 1	No
36565	TYPO3.Flow	Feature	Resolved	Should have	Provide method for retrieving current HTTP request	Robert Lemke	Http	1.1 beta 1	No
36519	TYPO3.Flow	Bug	Resolved	Should have	flow3:package:import doesn't update PackageStates.php	Robert Lemke	Package	1.1 beta 1	No
36516	TYPO3.Flow	Bug	Resolved	Should have	PackageStates.php are written on every request	Robert Lemke	Package	1.1 beta 1	No
36502	TYPO3.Flow	Bug	Resolved	Must have	Precompiled reflection data is not removed on a cache.flush --force	Robert Lemke	Cache	1.1 beta 1	No
36446	TYPO3.Flow	Bug	Resolved	Must have	"classesPath" is not added to PackageStates.php on creating a package	Karsten Dambekalns	Package	1.1 beta 1	No
35826	TYPO3.Flow	Feature	Resolved	Should have	Force option for flushing caches in edge cases	Robert Lemke	Cache	1.1	No
35706	TYPO3.Flow	Feature	Resolved	Should have	Virtual Browser for Functional Testing	Robert Lemke	Http	1.1	No
35682	TYPO3.Flow	Task	Resolved	Should have	Remove Selenium Test Case	Robert Lemke	- Testing -	1.1	No

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
35243	TYPO3.Flow	Feature	Resolved	Must have	HTTP 1.1 Support – Foundations	Robert Lemke	Http	1.1	No
35135	TYPO3.Flow	Feature	Resolved	Should have	Provide an inject() convenience method in Base Test Case	Robert Lemke	- Testing -	1.1 beta 1	No
35052	TYPO3.Flow	Feature	Resolved	Should have	Make message origin hint configurable	Robert Lemke	Log	1.1 beta 1	No
35034	TYPO3.Flow	Feature	Resolved	Should have	Automatic session expiration on user inactivity	Robert Lemke	Session	1.1 beta 1	No
34900	TYPO3.Flow	Feature	Resolved	Should have	New role: ANONYMOUS	Andreas Förthner	Security	1.1 beta 1	No
34827	TYPO3.Flow	Feature	Resolved	Should have	Precompiled reflection data for rather static packages	Robert Lemke	Reflection	1.1 beta 1	No
33705	TYPO3.Flow	Task	Resolved	Should have	Inconsistent spelling of sub package and class names	Robert Lemke		1.1	No
33589	TYPO3.Flow	Task	Resolved	Should have	Issue warning / error when trying to @inject into private property	Adrian Förder	Object	1.1	No
33495	TYPO3.Flow	Bug	Resolved	Should have	No alternative entry point type can be configured	Robert Lemke	Security	1.1	No
33417	TYPO3.Flow	Bug	Resolved	Should have	kickstart:package does not update .Shortcuts	Christian Müller	Package	1.1	No
33371	TYPO3.Flow	Feature	Resolved	Must have	HTTP 1.1 Support	Robert Lemke	Http	1.1 RC1	No
33112	TYPO3.Flow	Feature	Resolved	Should have	Create .Shortcuts directory if it is missing	Robert Lemke	Package	1.1	No
32723	TYPO3.Flow	Bug	Resolved	Must have	Files unit tests create but don't remove a lot of temporary files		- Testing -	1.1 beta 1	No
32398	TYPO3.Flow	Feature	Resolved	Should have	Freezable Cache Backend	Robert Lemke	Cache	1.1 beta 1	No
32346	TYPO3.Flow	Bug	Resolved	Must have	allObjectsPersisted is not triggered after each test	Robert Lemke	- Testing -	1.1 beta 1	No
32333	TYPO3.Flow	Feature	Resolved	Must have	Modular and configurable bootstrap	Robert Lemke	Core	1.1 beta 1	No
31269	TYPO3.Flow	Task	Resolved	Should have	Display line number of exception in CLI mode	Robert Lemke	Command	1.0.1	No
29489	TYPO3.Flow	Feature	Closed	Should have	Simple remote packages support	Robert Lemke	Package		No
26783	TYPO3.Flow	Feature	Rejected	Could have	Support settings via OS Environment	Christian Müller	Configuration	2.0 beta 1	No
25923	TYPO3.Flow	Task	Resolved	Should have	Clean up session files in compile run	Christian Müller	Session	1.1 beta 1	No
13694	TYPO3.Flow	Task	Resolved	Should have	Provide good naming conventions for directories in Resources/	Bastian Waidelich	- Documentation -	2.0	No
9587	TYPO3.Flow	Bug	Rejected	Should have	ArrayObject cannot be persisted as part of an array		Persistence		No
9568	TYPO3.Flow	Task	Resolved	Should have	Improve speed of AOP proxy building / reflection	Robert Lemke		1.1	No
8056	TYPO3.Flow	Task	Closed	Should have	Remove configuration option for mirrorMode	Karsten Dambekalns	Resource		No
5849	TYPO3.Flow	Feature	Resolved	Should have	Rebuild proxy classes if security policy changes	Robert Lemke	Monitor	1.1 beta 1	No
3977	TYPO3.Flow	Bug	Rejected	Should have	TextValidator is insecure		Validation		No
3585	TYPO3.Flow	Major Feature	New	Should have	Implement support for value objects				No
3374	TYPO3.Flow	Task	Rejected	Could have	Support dedicated package versions per context	Karsten Dambekalns	Package		No

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
3305	TYPO3.Flow	Feature	Accepted	Must have	Unmodified objects retrieved from a repository should not be validated in the controller	Robert Lemke	MVC		No
2817	TYPO3.Flow	Feature	Needs Feedback	Should have	Provide safeguard for preventing multiple submits of a form		MVC		No
90	TYPO3.Flow	Feature	Closed	Could have	Add PHP dependency support	Christian Jul Jensen	Package		No
49385	Base Distribution	Work Package	Accepted	Must have	Release Flow 2.0 stable	Robert Lemke		1.0 beta 1	
45408	Base Distribution	Work Package	Accepted	Should have	Frontend / Page Cache	Robert Lemke	General / Project	1.0 beta 1	
45399	Base Distribution	Work Package	Resolved	Should have	Product Management / Team Coordination	Robert Lemke	General / Project	1.0 beta 1	
44913	Base Distribution	Story	On Hold	Should have	RESTful NodeController for easy comment creation		Content Management		
44877	Design Team	Feature	Closed	Should have	Forge banners for Flow and Neos				
42408	TYPO3 Flow Base Distribution	Story	New	Could have	Locale Detection / Selection			2.1	
42407	TYPO3 Flow Base Distribution	Story	New	Should have	Asset Management			2.1	
41877	Base Distribution	Task	New	Should have	Explore: Find a way to include Neos / Flow news via RSS				
41876	Base Distribution	Task	New	Should have	Make Neos UI work with Zurb Foundation (for example)				
41642	forge.typo3.org	Bug	Closed	Must have	Can't update quicklinks and logo of projects	Steffen Gebert	Support		
41316	Base Distribution	Task	Closed	Should have	Use correct icons for edit options	Sebastian Kurfuerst	Content Editing	Sprint 10 (1.0 TP1)	
41315	Base Distribution	Task	Closed	Must have	Fix deletion of nodes	Robert Lemke		Sprint 10 (1.0 TP1)	
41314	Base Distribution	Task	Closed	Should have	Page tree is off screen (with Zurb foundation)	Sebastian Kurfuerst	Content Editing	Sprint 10 (1.0 TP1)	
41313	Base Distribution	Story	Closed	Should have	General UI bugs (CSS / JS)			Sprint 10 (1.0 TP1)	
41312	Base Distribution	Task	Closed	Could have	Headline should not support multiple lines	Sebastian Kurfuerst	Content Editing	Sprint 10 (1.0 TP1)	
41311	Base Distribution	Story	Closed	Could have	As user, I want a well-working content editing (Bugfix Story)		Content Editing	Sprint 10 (1.0 TP1)	
41168	Base Distribution	Task	Closed	Should have	Extract content type definitions from TYPO3.TYPO3 package to its own package.	Christian Müller	Content Management	Sprint 10 (1.0 TP1)	
41167	Base Distribution	Story	Closed	Should have	As a site integrator, I want a flexible content type system			Sprint 10 (1.0 TP1)	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
41154	Base Distribution	Task	Resolved	Should have	As a content editor, I want the Page Tree to hide when I click outside the flyout	Markus Goldbeck	Content Editing		
41153	Base Distribution	Task	Closed	Should have	Confirmation dialog: use the same style like in User Administration (see screenshot)	Markus Goldbeck	Content Editing		
41152	Base Distribution	Story	New	Could have	As a content editor, I want to use a page tree which fits into the overall UI				
41150	Base Distribution	Task	Closed	Should have	Prepare logos and other visuals for new name.				
41149	Base Distribution	Task	Closed	Must have	Add "TYPO3 Phoenix", "Phoenix", "phoenix" etc. everywhere where we expect the new name.				
41145	Base Distribution	Task	Closed	Should have	Set focus on username field or password field – depending on username parameter	Robert Lemke	Global User Interface	Sprint 10 (1.0 TP1)	
41140	Base Distribution	Task	New	Could have	Let client redirect to login page if inactivity timeout was reached.				
41139	Base Distribution	Task	Closed	Should have	Adjust error page (404, ...) to login screen design	Christian Müller		Sprint 10 (1.0 TP1)	
41138	Base Distribution	Story	Closed	Should have	As a backend user I want to have sensible error handling			Sprint 10 (1.0 TP1)	
41040	Base Distribution	Task	Resolved	Must have	(BREAKING) Rename page.headerData to page.head	Tim Kandel		1.0 beta 1	
41032	Base Distribution	Task	Closed	Should have	Simplify TypoScript templates for phoenix.typo3.org (namespaces)			Sprint 10 (1.0 TP1)	
41005	Base Distribution	Task	Closed	Should have	Streamline and simplify namespaces in TypoScript	Robert Lemke	Content Rendering	Sprint 10 (1.0 TP1)	
40985	Base Distribution	Task	Closed	Should have	Create single issue tickets from walkthrough: https://dl.dropbox.com/u/1418806/PhoenixIssues-20120914.mov	Sebastian Kurfuerst		Sprint 10 (1.0 TP1)	
40935	Base Distribution	Task	Closed	Should have	Remove necessity to include the All.ts2 file manually.	Robert Lemke		Sprint 10 (1.0 TP1)	
40934	Base Distribution	Story	Closed	Could have	As a Site Integrator, I want an easy way to get started with TypoScript			Sprint 10 (1.0 TP1)	
40928	Base Distribution	Story	Closed	Should have	As a content manager, I want to publish content through the Workspaces module			Sprint 10 (1.0 TP1)	
40927	Base Distribution	Task	Closed	Should have	Disable deletion of the currently logged in user.	Rens Admiraal		Sprint 10 (1.0 TP1)	
40926	Base Distribution	Story	Closed	Should have	As an Administrator, I want to create, update and delete users			Sprint 10 (1.0 TP1)	
40896	Base Distribution	Task	New	Should have	Fix layout in "create account" setup step		Setup	Sprint 10 (1.0 TP1)	
40588	Base Distribution	Story	Closed	Should have	[Page Tree] As a Content Manager I want to delete an existing page		Content Editing	Sprint 10 (1.0 TP1)	
40587	Base Distribution	Story	Closed	Should have	[Page Tree] As a Content Manager I want to create a new page		Content Editing	Sprint 10 (1.0 TP1)	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
40586	Base Distribution	Task	Closed	Should have	Fix drag and drop positioning: currently the drop marker icon positioning is wrongly calculated due to the "new page" toolbar.	Markus Goldbeck		Sprint 10 (1.0 TP1)	
40585	Base Distribution	Story	Closed	Should have	[Page Tree] As a content editor I want to move pages by drag and drop			Sprint 10 (1.0 TP1)	
40584	Base Distribution	Story	Closed	Should have	[Page Tree] As a user I want the page tree to respond quickly on expanding nodes		Content Editing	Sprint 10 (1.0 TP1)	
40582	Base Distribution	Task	Closed	Should have	TEST	Robert Lemke		Sprint 10 (1.0 TP1)	
40473	Base Distribution	Epic	New	Should have	Bootstrap based login screen				
40472	Base Distribution	Story	Closed	Should have	As a administrator I want to be warned if the selected database already contains data		Setup	Sprint 10 (1.0 TP1)	
40471	Base Distribution	Story	Closed	Should have	As a Administrator I don't want to look up the setup password if the server is my local machine		Setup		
40469	Base Distribution	Story	New	Could have	(low prio) As a user I want to get redirected to setup tool if install is incomplete		Setup		
40468	Base Distribution	Story	Closed	Should have	As a user I want to get instructions how to fix file permissions on the first run		Setup	Sprint 10 (1.0 TP1)	
40467	Base Distribution	Epic	Closed	Must have	Change the product name of TYPO3 Phoenix		General / Project	Sprint February 2013	
40336	Base Distribution	Story	New	Could have	As a Site Integrator I want to see a list of rendering issues		Content Rendering	1.0 beta 1	
40335	Base Distribution	Story	New	Should have	As an Administrator, I want to run FLOW3 CLI commands in the Launch Bar				
40334	Base Distribution	Epic	New	Should have	EPIC: Module Overview Pages				
40332	Base Distribution	Epic	New	Should have	EPIC: Management view content editing				
40331	Base Distribution	Story	New	Should have	As a Content Manager, I want to create multiple pages at once				
40330	Base Distribution	Story	Closed	Should have	[DISCUSS] As a Content manager, I want to identify specific content elements inside a list	Sebastian Kurfuerst		Sprint 10 (1.0 TP1)	
40329	Base Distribution	Story	Postponed	Should have	As a content manager, I want to list and edit my Content and Domain Objects inside the Management view			Sprint 10 (1.0 TP1)	
40328	Base Distribution	Story	New	Should have	As an administrator I can export selected parts of an existing site to a new site package				
40326	Base Distribution	Story	New	Should have	As an administrator I can create a new site package using an existing site as template				
40325	Base Distribution	Story	Resolved	Should have	As a site integrator I can create, modify & delete domains of an imported site	Mattias Nilsson			
40324	Base Distribution	Story	New	Should have	As a site integrator I can change the title, description & version of an imported site				

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
40323	Base Distribution	Story	New	Should have	As an site integrator I can remove an inactive imported site				
40322	Base Distribution	Story	New	Should have	As a site integrator I can disable and enable imported sites				
40321	Base Distribution	Story	Closed	Should have	As a System Administrator I want to read step-by-step instructions for setting up a basic Phoenix installation.			Sprint 10 (1.0 TP1)	
40320	Base Distribution	Epic	New	Should have	EPIC: User Interface style and implementation guide				
40319	Base Distribution	Story	Closed	Should have	As a Content Editor I'd like to see at one glance if I can edit an element inline or not while hovering over it with the mouse			Sprint 10 (1.0 TP1)	
40316	Base Distribution	Story	Postponed	Must have	As a content editor, I don't want anybody else to see the content of my personal workspace	Andreas Förthner	Administration		
40315	Base Distribution	Story	Closed	Should have	Explore: As a Content Editor I want to use different content types for different purposes				
40314	Base Distribution	Story	Closed	Should have	As a Content Editor I want to use headlines just in my regular text elements			Sprint 10 (1.0 TP1)	
40313	Base Distribution	Story	Needs Feedback	Should have	As a Site Developer I can define the title and package key for a site				
40312	Base Distribution	Story	Rejected	Should have	As a content editor I'd like to see the Publish button only if I can use it			Sprint 10 (1.0 TP1)	
40311	Base Distribution	Story	New	Should have	As a user I want the UI to respect the lights-off principle				
40310	Base Distribution	Story	Postponed	Should have	As any User, if no site exists I want to be redirected to the Setup wizard				
40309	Base Distribution	Story	New	Should have	As a system administrator I want to see a meaningful error message if the database has not been set up correctly				
40308	Base Distribution	Epic	New	Should have	EPIC: In-table editing for items in the Management View				
40307	Base Distribution	Epic	New	Should have	EPIC: Custom View for Data Types				
40306	Base Distribution	Epic	New	Should have	EPIC: Content import from TYPO3				
40305	Base Distribution	Story	Resolved	Should have	As a Content Editor I want to easily distinguish place holder texts in new content elements from actual content; placeholder text should disappear once I start to type.	Aske Ertmann	Content Editing	1.1	
40302	Base Distribution	Epic	New	Should have	EPIC: Account Profile				
40301	Base Distribution	Epic	New	Should have	EPIC: System Log Viewer / Audit				
40300	Base Distribution	Epic	New	Should have	EPIC: Consistent UI Design (Bootstrap)				
40299	Base Distribution	Epic	New	Must have	EPIC: Content Security (Workspaces)				
40298	Base Distribution	Epic	New	Should have	EPIC: Design / Icons				
40297	Base Distribution	Epic	New	Must have	EPIC: Basic Page Tree Operations				
40296	Base Distribution	Epic	Resolved	Should have	EPIC: Plugin Support				
40295	Base Distribution	Epic	Resolved	Should have	EPIC: TypoScript Rendering				

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
40294	Base Distribution	Epic	New	Should have	EPIC: Inline Editing Support (Links, Content Types, Plugin)				
40293	Base Distribution	Epic	Closed	Should have	EPIC: Workspace Publication				
39793	Server Team	Task	Closed	Should have	Set up dedicated server for integration sites	Steffen Gebert			
39790	TYPO3.Kickstart	Feature	New	Should have	Allow forward slashes where backslashes need to be specified				
38863	flow3.typo3.org	Task	Accepted	Should have	Move FLOW3 Site to TYPO3 server infrastructure	Robert Lemke	Server Administration	2012 August Release	
30380	TYPO3.Flow	Bug	Resolved	Should have	Optimistic Locking / @version annotation is not functional	Robert Lemke	Reflection	1.0.0	
30379	TYPO3.Flow	Bug	Resolved	Must have	Object persistence has side effects in functional tests	Robert Lemke	- Testing -	1.0.0	
30018	TYPO3.Flow	Feature	Resolved	Should have	For functional tests: provide function for forgetting instances	Robert Lemke	Object	1.0.0	
30017	TYPO3.Flow	Bug	Resolved	Should have	Functional tests see data from previous tests	Robert Lemke	- Testing -	1.0.0	
29903	Design Team	Task	Closed	Should have	T-Shirt design for special FLOW3 event at T3CON11	Philipp Randt			
29891	flow3.typo3.org	Task	Resolved	Should have	Solve cufont / Aloha problem			2.0.0	
29883	TYPO3.Kickstart	Feature	Resolved	Should have	Display a hint to update database schema	Robert Lemke		1.0.0	
29803	forge.typo3.org	Task	Closed	Must have	Adjust Forge to Vendor Namespaces				
29777	TYPO3.Flow	Bug	Resolved	Should have	Removal of symlinked package resources fails	Robert Lemke	Utility	1.0.0	
29558	Design Team	Feature	Closed	Should have	Create visual for making the "Buy Ticket" link more prominent	Robert Zierhofer			
29557	Design Team	Task	Closed	Should have	Prepare definite FLOW3 logo and color scheme				
29486	TYPO3.Flow	Bug	Resolved	Should have	injectSettings() doesn't receive always the settings of its own package	Robert Lemke	Object	1.0 beta 2	
29476	TYPO3.Flow	Feature	New	Should have	Provider rendering time and query count for request				
29415	TYPO3 Flow Base Distribution	Task	Resolved	Could have	Remove @license tags and add general license information	Karsten Dambekalns		1.0.0	
29414	TYPO3.Flow	Bug	Resolved	Must have	Deletion of packages results in fatal error	Robert Lemke	Command	1.0 beta 2	
29407	TYPO3.Flow	Bug	Resolved	Should have	help command does not display description	Bastian Waidelich	Command	1.0 beta 2	
29406	TYPO3.Kickstart	Bug	Resolved	Should have	kickstart:commandcontroller renders appendContent() code	Karsten Dambekalns		1.0 beta 2	
29384	TYPO3.Blog	Bug	Resolved	Should have	Login form does not work with FLOW3 1.0 beta 1	Robert Lemke			
29380	Design Team	Task	Closed	Must have	FLOW3 Banner for typo3.org Slider	Robert Lemke			
28652	TYPO3.Flow	Feature	Resolved	Should have	Exit code support for command-line responses	Robert Lemke	MVC	1.0 beta 1	
28525	TYPO3.Flow	Bug	Resolved	Should have	Caches are not flushed after creating a package	Robert Lemke	Package	1.0 beta 1	
28327	TYPO3.Flow	Bug	Resolved	Should have	Argument mapping falsely detects tags from method description - ReflectionService RegExp issue	Sebastian Kurfuerst	Reflection	1.0.0	
28306	TYPO3.Flow	Bug	Resolved	Must have	Optional command line argument is ignored	Bastian Waidelich	MVC	1.0 beta 1	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
28294	TYPO3.Flow	Bug	Resolved	Must have	Command is not run in compile time if command identifier is abbreviated	Robert Lemke	Core	1.0 beta 1	
28132	TYPO3.Flow	Task	Resolved	Should have	Shallow directory structure for packages	Robert Lemke	Package	1.0 beta 1	
27563	TYPO3.Flow	Feature	Resolved	Should have	Implement simple argument support for CommandController		MVC	1.0 beta 1	
27491	TYPO3.Flow	Feature	Resolved	Must have	Support per-package Doctrine migrations	Karsten Dambekalns	Persistence	1.0 beta 1	
27490	TYPO3.Flow	Feature	Resolved	Must have	Vendor Namespaces Support	Robert Lemke	Object	1.0 beta 1	
27488	TYPO3 Flow Base Distribution	Task	Closed	Must have	Update documentation for 1.0 beta 1			1.0 beta 1	
27417	TYPO3.Flow	Feature	Resolved	Should have	DateTime conversion support	Bastian Waidelich	Property	1.0 beta 1	
26785	TYPO3.Flow	Feature	Resolved	Should have	Doctrine Query Execution Commands	Karsten Dambekalns	Persistence	1.0 beta 1	
26774	Conference Management	Story	New	Should have	As a sponsor I can edit the content of my sponsor page			Backend Editing	
26773	Conference Management	Story	New	Must have	As a conference organizer I can edit content of the website			Backend Editing	
26676	Conference Management	Task	Resolved	Must have	Install valid SSL certificate on webserver	Robert Lemke		Call for Papers	
26675	Conference Management	Task	Resolved	Must have	Install OpenSSL package for PHP on webserver	Robert Lemke		Call for Papers	
26547	Conference Management	Task	Resolved	Should have	Replace TYPO3 logo with T3CON10 Logo	Berit Hlubek		Site Launch	
26546	Conference Management	Task	Resolved	Must have	Remove / secure setup controller	Karsten Dambekalns		Site Launch	
26545	Conference Management	Task	Resolved	Should have	Integrate GA or Piwik	Karsten Dambekalns		Site Launch	
26358	TYPO3.Flow	Feature	Resolved	Must have	Initialize sessions only when necessary	Robert Lemke	Session	1.0.0	
26337	Conference Management	Bug	Resolved	Should have	TypoScript template inheritance might be broken	Robert Lemke		Site Launch	
26333	Conference Management	Task	Resolved	Must have	Implement basic cache header support	Robert Lemke		Site Launch	
26299	Conference Management	Task	Resolved	Must have	Write / check imprint and privacy statement	Karsten Dambekalns		Site Launch	
26293	Conference Management	Task	Resolved	Should have	Implement the T3CON11 logo / design as Fluid / TYPO3 page template	Christopher Hlubek		Call for Papers	
26290	Conference Management	Task	Resolved	Must have	Remove the search field	Karsten Dambekalns		Site Launch	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
26288	Conference Management	Task	Resolved	Should have	Implement sub-active support for menu items	Robert Lemke		Site Launch	
26286	Conference Management	Task	Resolved	Must have	Finalize policies for site launch	Andreas Förthner		Site Launch	
26283	Conference Management	Task	Resolved	Must have	Adjust layout and style to most recent typo3.org design	Berit Hlubek		Site Launch	
26282	Conference Management	Bug	Resolved	Could have	JQuery conflict in edit mode	Rens Admiraal		Call for Papers	
26129	TYPO3.Flow	Task	Closed	Should have	Establish simple conventions for qualified and unqualified class names			1.0.0	
25882	TYPO3.Flow	Feature	Resolved	Should have	Dedicated query log	Karsten Dambekalns	Persistence	1.0 beta 1	
25881	TYPO3.Flow	Bug	Resolved	Must have	Inherited methods cannot be adviced	Robert Lemke	AOP	1.0 beta 1	
25851	TYPO3.Flow	Bug	Resolved	Should have	Methods whose name contain "protected" can't be adviced	Robert Lemke	AOP	1.0 beta 1	
25816	TYPO3.Flow	Bug	Resolved	Must have	Improve error handling for invalid types	Robert Lemke	Utility	1.0 beta 2	
25776	TYPO3.Flow	Bug	Resolved	Should have	Doctrine proxy class files can't be overwritten by other SAPI type	Karsten Dambekalns	Persistence	1.0 beta 1	
25775	Conference Management	Task	New	Could have	Create design and markup for 404 page			Early Bird Tickets	
25607	TYPO3.Flow	Bug	Resolved	Should have	Reflection Service does not save emerged class reflections	Robert Lemke	Core	1.0 beta 1	
23082	TYPO3 Core	Bug	Closed	Should have	Install tool causes PHP warnings if typo3conf/ is not writeable	Steffen Kamper			
17120	TYPO3 Core	Bug	Closed	Should have	Content is not cached and white page displayed with big content / PHP 5.2.1	Dmitry Dulepov	Content Rendering		
15936	TYPO3 Core	Bug	Closed	Must have	Gremlin: The running TYPO3 version (4.0-CVS) is higher than allowed (0.0.2)	Karsten Dambekalns	Extension Manager		
15879	TYPO3 Core	Bug	Closed	Should have	EM: Suggested extensions are not handled correctly	Karsten Dambekalns	Extension Manager		
15877	TYPO3 Core	Bug	Closed	Must have	EM doesn't respect dependencies if no version number is specified	Robert Lemke	Extension Manager		
15635	TYPO3 Core	Bug	Closed	Should have	Extension Manager: Charset of extension titles, authors etc. ist not converted to BE charset	Karsten Dambekalns	Extension Manager		
15237	TYPO3 Core	Bug	Closed	Should have	Nesting of sections doesn't seem to work				
15181	TYPO3 Core	Feature	Closed	Could have	Make EM unit test aware		Extension Manager		
14557	TYPO3 Core	Bug	Closed	Should have	EM: Updating an extension with changed dependencies blocks website		Extension Manager		
14123	TYPO3 Core	Bug	Closed	Should have	cached image sizes don't work properly, method for clearing the cache has to be changed	Robert Lemke	Frontend		

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
14122	TYPO3 Core	Bug	Closed	Should have	Install Tool shows fatal error if typo3/ext is not writeable	Robert Lemke	Backend API		
13703	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Fix file monitoring / optimize compile step	Robert Lemke		1.0 beta 1	
13702	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Replace remaining uses of objectManager->create() with new and adjust tests accordingly			1.0 beta 1	
13604	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Fix bugs and adjust affected code	Robert Lemke		1.0 beta 1	
13503	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Write policies for TYPO3 package	Andreas Förthner		1.0 beta 1	
12692	Conference Management	Story	Resolved	Should have	As a speaker I can review my submitted papers			Call for Papers	
12691	Conference Management	Story	Resolved	Should have	As a speaker I can submit paper proposals	Bastian Waidelich		Call for Papers	
12690	Conference Management	Story	Resolved	Should have	As an administrator I can set up the conference base data			Early Bird Tickets	
12688	Conference Management	Story	Rejected	Should have	As a participant I can edit my personal data			Call for Papers	
12687	Conference Management	Story	Resolved	Must have	As a participant I can register myself for a conference			Call for Papers	
12365	TYPO3.Flow	Bug	Rejected	Must have	mapAndValidate() and map() behave differently		Property	1.0 beta 1	
12100	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Implement a generic Proxy Builder	Robert Lemke		1.0 beta 1	
12099	TYPO3 Flow Base Distribution	Task	Resolved	Should have	Check feasibility and create rough concept	Robert Lemke		1.0 beta 1	
11443	TYPO3.Flow	Feature	Resolved	Should have	Implement igbinary support	Robert Lemke	Cache	1.0 alpha 14	
11187	Base Distribution	Story	Resolved	Should have	As a community member, I want a smooth demo site experience				
11169	TYPO3 Flow Base Distribution	Story	Resolved	Should have	Implement new operator support	Robert Lemke		1.0 beta 1	
11045	Base Distribution	Story	Resolved	Should have	As Robin I want to have a Basic ManagementView (List)				
11044	Base Distribution	Story	Resolved	Should have	As Magarethe I want to add pages			Sprint 7	
11042	Base Distribution	Story	Closed	Should have	As Roger, I want clean and extensible JavaScript Code			Sprint 7	
10687	TYPO3.Flow	Bug	Resolved	Should have	@subpackage cannot be unset when rendering URIs	Robert Lemke	MVC - Routing	1.0 alpha 13	
10680	TYPO3.Flow	Feature	Resolved	Should have	Implement Content Negotiation Support	Robert Lemke	MVC	1.0 alpha 13	
10620	Base Distribution	Story	Resolved	Should have	As Roger I want a reasonable test coverage of the TYPO3CR package				
10428	TYPO3.Flow	Bug	Resolved	Should have	Wrong Namespace scope when using PhpFrontend	Robert Lemke	Cache	1.0 alpha 13	
10373	Base Distribution	Story	Resolved	Should have	As Roger I want to have functional testing support in FLOW3				

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
10368	Base Distribution	Story	Resolved	Should have	As Gerrit I want that editors don't edit content directly on the live website				
10341	TYPO3.Flow	Bug	Resolved	Should have	DateTime properties cannot be persisted	Robert Lemke	Object	1.0 alpha 13	
9684	TYPO3.Flow	Bug	Resolved	Should have	Datamapper fails to thaw reused objects if in certain order	Karsten Dambekalns	Persistence	1.0 alpha 12	
9679	TYPO3.Flow	Bug	Resolved	Should have	PdoHelper fails if username / password are NULL	Robert Lemke	Persistence	1.0 alpha 12	
9626	TYPO3.Flow	Feature	Resolved	Should have	Switch off autowiring for single methods via @autowiring annotation	Robert Lemke	Object	1.0 alpha 12	
9625	TYPO3.Flow	Task	Resolved	Must have	Remove references of ObjectFactory	Karsten Dambekalns	Object	1.0 alpha 12	
9586	TYPO3.Flow	Feature	Resolved	Should have	Support @var/@param type "object"	Karsten Dambekalns	Persistence	1.0 alpha 12	
9585	TYPO3.Flow	Bug	Resolved	Should have	PDOException thrown if array contains NULL as value	Karsten Dambekalns	Persistence	1.0 alpha 12	
9539	TYPO3.Flow	Bug	Resolved	Must have	WebRedirect entry point does not work anymore	Robert Lemke	Security	1.0 alpha 12	
9538	TYPO3.Flow	Bug	Resolved	Should have	APC Backend test fails (flushRemovesAllCacheEntries)	Karsten Dambekalns	Cache	1.0 alpha 12	
9536	TYPO3.Flow	Feature	Resolved	Should have	Improve logging of security related events	Robert Lemke	Security	1.0 alpha 12	
9532	TYPO3.Flow	Bug	Resolved	Must have	FLOW3 loses session data / tokens if scope session is used elsewhere	Robert Lemke	Session	1.0 alpha 12	
9528	TYPO3.Flow	Feature	Resolved	Should have	Log remote IP address	Robert Lemke	Log	1.0 alpha 12	
9502	TYPO3.Flow	Bug	Resolved	Should have	After and After Throwing advices intercept exceptions	Robert Lemke	AOP	1.0 alpha 12	
9456	TYPO3.Flow	Feature	Resolved	Should have	MVC arguments should be converted to their target type	Robert Lemke	MVC	1.0 alpha 12	
9436	TYPO3.Flow	Bug	Resolved	Should have	Package Manager doesn't check if directory Packages/Application exists	Robert Lemke	Package	1.0 alpha 12	
9360	TYPO3.Flow	Bug	Resolved	Should have	ObjectSerializer does not detect recursion in object references	Robert Lemke	Object	1.0 alpha 11	
9356	TYPO3.Flow	Feature	Resolved	Could have	Implement getAccount() for the Security Context	Robert Lemke	Security	1.0 alpha 11	
9327	TYPO3.Flow	Feature	Resolved	Should have	Make the resource argument name for REST controllers configurable	Robert Lemke	MVC	1.0 alpha 11	
9323	TYPO3.ExtJS	Bug	Resolved	Should have	Number of arguments of ExtDirect provider actions are registered incorrectly	Robert Lemke	ExtDirect		
9279	TYPO3.ExtJS	Bug	Resolved	Should have	Optional arguments are not supported	Robert Lemke	ExtDirect		
8772	TYPO3.Flow	Task	Resolved	Should have	Rename the "Locale" sub package to "i18n"	Karol Gusak	I18n	1.0 alpha 11	
8133	TYPO3.Flow	Feature	Resolved	Should have	ObjectAccess::setProperty() should support arrays as a subject	Robert Lemke	Reflection	1.0 alpha 10	
8088	TYPO3.Flow	Feature	Resolved	Should have	API method for retrieving the original filename of recently imported resources	Robert Lemke	Resource	1.0 alpha 10	
8082	TYPO3.Flow	Feature	Resolved	Should have	API for accessing persisted resources	Robert Lemke	Resource	1.0 alpha 10	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
8063	TYPO3.Flow	Task	Resolved	Should have	Rename the resource stream wrapper's scheme from "package:/" to "resource:/"	Robert Lemke	Resource	1.0 alpha 10	
8061	TYPO3.Welcome	Bug	Resolved	Should have	Wrong directory case for resources	Karsten Dambekalns		1.0 alpha 13	
7960	TYPO3.Flow	Feature	Resolved	Should have	Implement getClassNameByObjectName()	Robert Lemke	Object	1.0 alpha 9	
7831	TYPO3.Flow	Bug	Resolved	Should have	Router interprets negative integer values of a match result as "matched"	Robert Lemke	MVC	1.0 alpha 9	
7820	TYPO3.Flow	Bug	Resolved	Should have	Configuration Manager doesn't properly check for existence of uriPattern	Robert Lemke	Configuration	1.0 alpha 9	
7688	TYPO3.Flow	Task	Resolved	Should have	Don't reflect Exception classes	Robert Lemke	Reflection	1.0 alpha 9	
7687	TYPO3.Flow	Bug	Resolved	Should have	ObjectAccess doesn't allow numeric indexes for arrays	Robert Lemke	Reflection	1.0 alpha 9	
7682	TYPO3.Flow	Task	Resolved	Should have	Replace generic exceptions by proper exceptions	Karsten Dambekalns		1.0 alpha 10	
7516	TYPO3.Flow	Feature	Resolved	Should have	Create encryption hash if none was defined	Karsten Dambekalns	Security	1.0 alpha 10	
7495	TYPO3.Flow	Feature	Resolved	Should have	Implement support for persistence of nested arrays	Karsten Dambekalns	Persistence	1.0 alpha 9	
7479	TYPO3.Flow	Task	Resolved	Should have	Move context configuration defaults to package	Robert Lemke	Configuration	1.0 alpha 9	
7474	TYPO3.Flow	Feature	Resolved	Should have	Implement a "LabelValidator"	Robert Lemke	Validation	1.0 alpha 9	
7286	TYPO3.Flow	Bug	Resolved	Must have	Undefined FLOW3 root path does not issue an error in CLI mode	Robert Lemke	Core	1.0 alpha 8	
7199	TYPO3.Flow	Bug	Resolved	Should have	Persistence Manager retrieves repository objects by class name instead of object name	Robert Lemke	Persistence	1.0 alpha 8	
7198	TYPO3.Flow	Bug	Resolved	Should have	Reflection Service should ignore leading backslashes in class names	Robert Lemke	Reflection	1.0 alpha 8	
7197	Blog App	Story	Accepted	Should have	As a blog editor I want to define my username and password when I launch the app the first time	Robert Lemke			
7144	Base Distribution	Story	Resolved	Must have	As a PHP Developer I want to have an easy API to create a page and add content to it.				
7143	Base Distribution	Story	Resolved	Must have	As a WebsiteUser I want to see a simple website.				
7068	TYPO3.Fluid	Bug	Resolved	Should have	SelectViewHelper does not support SplObjectStorage as option	Robert Lemke	ViewHelpers	1.0.0 alpha 8	
7054	TYPO3.Flow	Feature	Resolved	Should have	Make salted md5 generation and validation available through an API	Robert Lemke	Security	1.0 alpha 8	
6993	TYPO3.Flow	Feature	Resolved	Should have	Support declaration of additional validation rules by object accessor syntax	Robert Lemke	Validation	1.0 alpha 8	
6992	TYPO3.Flow	Bug	Resolved	Must have	ValidatorResolver does not build certain validators	Robert Lemke	Validation	1.0 alpha 8	
6974	TYPO3.SwiftMailer	Task	Resolved	Should have	Add Swift Mailer license to the Meta directory	Karsten Dambekalns			

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
6949	TYPO3.Flow	Task	Resolved	Should have	Rename \F3\FLOW3\MVC\Controller\Context back to \F3\FLOW3\MVC\Controller\ControllerContext	Karsten Dambekalns	MVC	1.0 alpha 8	
6913	TYPO3.Flow	Feature	Resolved	Should have	Implement a FLOW3 optimized var_dump function	Karsten Dambekalns	Error	1.0 alpha 8	
6902	TYPO3.Flow	Bug	Resolved	Should have	\$objectName is not meaningful enough in serializeObjectAsPropertyArray()	Karsten Dambekalns	Object	1.0 alpha 8	
6869	TYPO3.Flow	Feature	Resolved	Must have	Enable the property mapper to create value objects	Karsten Dambekalns	Property	1.0 alpha 8	
6868	TYPO3.Flow	Feature	Resolved	Should have	Classes tagged as value object must have a constructor and no setters	Karsten Dambekalns	Reflection	1.0 alpha 8	
6846	TYPO3.Flow	Bug	Resolved	Should have	The static object container is not rebuilt automatically if the FLOW3 revision changed	Robert Lemke	Core	1.0 alpha 8	
6787	TYPO3.Flow	Bug	Resolved	Must have	New accounts cannot be persisted and existing accounts cannot be found	Robert Lemke	Security	1.0 alpha 8	
6781	TYPO3.Flow	Feature	Resolved	Should have	Implement Swift Mailer integration	Karsten Dambekalns		1.0 alpha 8	
6774	TYPO3.Flow	Feature	Resolved	Should have	Improve error message in Property Mapper if type hint of method parameter is invalid	Robert Lemke	Property	1.0 alpha 8	
6773	TYPO3.Flow	Bug	Resolved	Should have	Debug Exception Handler does not escape characters in exception message	Robert Lemke	Error	1.0 alpha 8	
6712	TYPO3.Flow	Feature	Accepted	Should have	Implement mixin support	Robert Lemke	AOP		
6647	TYPO3.Flow	Bug	Resolved	Should have	ObjectAccess doesn't know that is*() is also a possible getter method name	Robert Lemke	Reflection	1.0 alpha 8	
6646	TYPO3.Flow	Feature	Resolved	Should have	Response should send correct content type header if format is rss / atom	Robert Lemke	MVC	1.0 alpha 8	
6596	TYPO3.Flow	Bug	Resolved	Should have	Environment variables (context, rewrite urls, ...) are not recognized with FCGI + Apache	Robert Lemke	Core	1.0 alpha 8	
6564	TYPO3.Flow	Task	Resolved	Should have	Move the YAML parser from its own package to within FLOW3	Robert Lemke	Configuration	1.0 alpha 8	
6562	TYPO3.Flow	Task	Resolved	Must have	Make Object Manager API more consistent	Robert Lemke	Object	1.0 alpha 8	
6529	TYPO3.Flow	Bug	Resolved	Should have	Fully support regular expressions for method names in pointcut expressions	Robert Lemke	AOP	1.0 alpha 8	
6317	TYPO3.Flow	Task	Resolved	Should have	Replace "Granted Authority" by "Role"	Robert Lemke	Security	1.0 alpha 8	
6315	TYPO3.Flow	Bug	Resolved	Should have	Input fields with a name attribute with more than 64 characters are ignored	Karsten Dambekalns	Security	1.0 alpha 11	
6137	TYPO3.Flow	Feature	Resolved	Must have	Implement a PHP Code Cache Frontend	Robert Lemke	Cache	1.0 alpha 8	
6118	TYPO3.Flow	Bug	Resolved	Should have	Integer arguments are not validated automatically	Karsten Dambekalns	MVC	1.0 alpha 8	
6092	TYPO3.Flow	Bug	Resolved	Must have	Resources imported with importResource() are not published	Robert Lemke	Resource	1.0 alpha 7	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
6008	TYPO3.Flow	Feature	Resolved	Should have	Automatically purge files of removed resources	Karsten Dambekalns	Resource	1.0 alpha 8	
6003	TYPO3.Fluid	Bug	Resolved	Should have	ObjectAccessorNode::evaluate calls ObjectAccessor even if variable is not an object or array	Robert Lemke	Core	1.0.0 alpha 7	
5998	TYPO3.Flow	Feature	Resolved	Should have	More flexible subpackage directory structure	Robert Lemke	MVC	1.0 alpha 7	
5995	TYPO3.Flow	Feature	Resolved	Could have	Implicitly call __toString method if action result is an object	Robert Lemke	MVC	1.0 alpha 7	
5927	TYPO3.Flow	Task	Resolved	Must have	Write documentation for Cache Framework	Karsten Dambekalns	- Documentation -	1.0 beta 1	
5851	TYPO3.Flow	Task	Resolved	Should have	Security Context Holder redundant?	Andreas Förthner	Security	1.0 alpha 8	
5846	TYPO3.Flow	Feature	Resolved	Should have	Implement Account Factory	Robert Lemke	Security	1.0 alpha 8	
5833	TYPO3.Kickstart	Bug	Resolved	Should have	Inflection viewhelper doesn't work anymore	Karsten Dambekalns		1.0.0 alpha 7	
5822	TYPO3.Flow	Feature	Resolved	Must have	Implement proper resource management	Robert Lemke	Resource	1.0 alpha 7	
5774	TYPO3.Flow	Feature	New	Should have	Package Manager should clear all cache entries tagged with %PACKAGE%		Package		
5660	TYPO3.Flow	Feature	Resolved	Must have	Implement support for Object Converters	Robert Lemke	Property	1.0 alpha 7	
5659	TYPO3.Flow	Major Feature	Resolved	Must have	Implement content security	Andreas Förthner	Security		
5658	TYPO3.Flow	Task	Resolved	Must have	Inconsistent class names in sub namespaces (Part II)	Robert Lemke		1.0 alpha 7	
5612	TYPO3.Flow	Feature	Resolved	Should have	Property Mapper should be able to map to target if only a setter exists	Karsten Dambekalns	Property	1.0 alpha 8	
5579	TYPO3.Flow	Task	Resolved	Should have	Replace FLOW3.yaml file by a regular Settings.yaml file	Robert Lemke	Configuration	1.0 alpha 7	
5577	TYPO3.Flow	Feature	Resolved	Should have	Implement postprocessing and validation into the configuration manager	Robert Lemke	Configuration	1.0 alpha 7	
5576	TYPO3.Flow	Bug	Resolved	Must have	Cache Manager receives bloated configuration array	Robert Lemke	Configuration	1.0 alpha 7	
5481	TYPO3.Flow	Feature	Resolved	Should have	Implement meaningful logging for security / authentication	Robert Lemke	Security	1.0 alpha 7	
5480	TYPO3.Flow	Feature	Resolved	Should have	JoinPoint should provide a method hasException()	Robert Lemke	AOP	1.0 alpha 7	
5446	TYPO3.Flow	Feature	Resolved	Should have	Implement PDO based Cache Backend	Karsten Dambekalns	Cache	1.0 alpha 7	
5442	TYPO3.Flow	Feature	New	Should have	Destroy session / logout user on deleting an account	Andreas Förthner	Security		
5440	TYPO3.Flow	Task	Resolved	Should have	Security should have its own configuration file	Andreas Förthner	Configuration	1.0 alpha 8	
5068	TYPO3.Flow	Feature	Resolved	Should have	Implement validation for settings (or configuration in general)		Configuration		
4952	TYPO3.Flow	Bug	Resolved	Should have	Reflection cache of subclasses are not flushed if parent classes change	Robert Lemke	Reflection	1.0 alpha 6	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
4469	TYPO3.Flow	Feature	Resolved	Should have	Implement a central command line controller	Bastian Waidelich	Core	1.0 beta 1	
4454	TYPO3.Flow	Bug	Resolved	Must have	FileMonitor does not detect new files	Robert Lemke	Monitor	1.0 alpha 4	
4445	TYPO3.Flow	Feature	Resolved	Should have	setfilepermissions.sh should check if parent directories are accessible	Karsten Dambekalns	Core	1.0 alpha 7	
4407	TYPO3.Flow	Bug	Resolved	Should have	flow3 script cannot flush caches	Robert Lemke	Cache	1.0 beta 1	
4406	TYPO3.Flow	Feature	Resolved	Must have	Implement caching mechanism for configuration files	Robert Lemke	Configuration	1.0 alpha 4	
4333	TYPO3.Flow	Feature	Resolved	Should have	Implement log rotation	Karsten Dambekalns	Log	1.0 alpha 5	
4280	TYPO3.Welcome	Bug	Resolved	Should have	Welcome screen should warn if context != Development	Karsten Dambekalns		1.0.0 alpha 4	
4279	TYPO3.Flow	Feature	Resolved	Should have	setfilepermissions.sh should give a hint on from where to call it	Karsten Dambekalns	Core	1.0 alpha 4	
4221	TYPO3.Flow	Feature	Resolved	Should have	Implement CLI controller for Cache Manager	Robert Lemke	Cache	1.0 alpha 3	
4170	TYPO3.Fluid	Bug	Resolved	Must have	Form Viewhelper creates hidden identity field even for new objects	Robert Lemke	ViewHelpers	1.0.0 alpha 3	
4168	TYPO3.Flow	Bug	Resolved	Must have	Rules added with @validate will replace existing validation rules	Robert Lemke	MVC	1.0 alpha 3	
4167	TYPO3.Flow	Feature	Resolved	Must have	Implement an update() method for the base repository	Robert Lemke	Persistence	1.0 alpha 3	
4166	TYPO3.Flow	Feature	Resolved	Must have	Allow disabling validation for action arguments	Robert Lemke	MVC	1.0 alpha 3	
4118	TYPO3.Flow	Bug	Resolved	Must have	Package Manager does not clear the code cache on activating / deactivating packages	Robert Lemke	Package	1.0 beta 1	
4085	TYPO3.Flow	Bug	Resolved	Must have	Package Manager does not ignore files in directory Packages/	Robert Lemke	Package	1.0 alpha 3	
4084	TYPO3.Flow	Feature	Resolved	Should have	Make the application context accessible by a read-only setting	Robert Lemke	Configuration	1.0 alpha 3	
4082	TYPO3.Flow	Bug	Resolved	Must have	FLOW3 uses wrong Packages path via CLI if directories are symlinked	Robert Lemke	Core	1.0 alpha 3	
3997	TYPO3.Fluid	Feature	Resolved	Should have	Enable bulk assignment of template variables	Bastian Waidelich	Core	1.0.0 alpha 3	
3990	TYPO3.Flow	Feature	Resolved	Should have	Allow arbitrary names and locations for "Web" directory		Core	1.0 alpha 3	
3989	TYPO3.Flow	Feature	Resolved	Should have	Generate PackageStates.yaml if it doesn't exist	Karsten Dambekalns	Package	1.0 alpha 5	
3987	TYPO3.Fluid	Task	Resolved	Must have	Inconsistent attribute naming in Form view helper	Bastian Waidelich	ViewHelpers	1.0	
3956	TYPO3.Flow	Feature	Resolved	Could have	Implement a Count Validator	Karsten Dambekalns	Validation	1.0 alpha 5	
3950	TYPO3.Flow	Feature	Resolved	Should have	Package Manager should warn about duplicate packages	Karsten Dambekalns	Package	1.0 alpha 5	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
3883	TYPO3.Flow	Task	Resolved	Must have	Mark all public API with @api tags	Karsten Dambekalns	- Documentation -	1.0 alpha 3	
3882	TYPO3.Flow	Task	Resolved	Should have	Document the Signal Slot features	Karsten Dambekalns	- Documentation -		
3881	TYPO3.Flow	Task	Resolved	Should have	Complete documentation about MVC		- Documentation -		
3864	TYPO3.Flow	Feature	Resolved	Should have	Implement filtering for log messages	Karsten Dambekalns	Log	1.0 alpha 5	
3852	TYPO3.Flow	Feature	Resolved	Should have	Implement removeAll() for Repository	Karsten Dambekalns	Persistence	1.0 alpha 5	
3846	TYPO3.Flow	Feature	Resolved	Should have	Enforce validation before persisting model objects	Karsten Dambekalns	Persistence	1.0 alpha 8	
3837	TYPO3.Flow	Bug	Resolved	Must have	Objects added to a repository are not found if repository doesn't follow naming conventions	Karsten Dambekalns	Persistence	1.0 alpha 3	
3755	TYPO3.Flow	Task	New	Must have	Concurrency stress testing and cache mechanism		- Testing -		
3736	TYPO3.Flow	Feature	Resolved	Must have	Implement support for Directory status monitoring	Robert Lemke	Monitor	1.0 alpha 2	
3733	TYPO3.Flow	Bug	Resolved	Should have	Site should be unlocked by Exception Handler	Robert Lemke	Core	1.0 alpha 2	
3730	TYPO3.Flow	Bug	Resolved	Should have	Signal Slot Dispatcher does not check if slot class is a registered object	Robert Lemke	SignalSlot	1.0 alpha 2	
3650	TYPO3.Flow	Feature	Resolved	Should have	AOP proxies support classes implementing an interface declaring a __construct() signature	Karsten Dambekalns	AOP	1.0 alpha 2	
3649	TYPO3.Flow	Feature	Resolved	Must have	Caches should be flushed on package version number changes	Robert Lemke	Cache	1.0 alpha 2	
3588	TYPO3.Flow	Feature	Accepted	Should have	Support value objects in the Object Factory	Robert Lemke	Object		
3587	TYPO3.Flow	Feature	New	Could have	Enforce validation rules for value objects already in constructor		Validation		
3586	TYPO3.Flow	Feature	Resolved	Could have	Assure that value objects are immutable	Karsten Dambekalns	Persistence	1.0 alpha 8	
3584	TYPO3.Flow	Task	Resolved	Must have	Write a getting started tutorial	Robert Lemke	- Documentation -	1.0 alpha 3	
3583	TYPO3.Flow	Task	Closed	Must have	Profiling of persistence framework / CR	Karsten Dambekalns	Persistence	1.0 alpha 2	
3582	TYPO3.Flow	Task	Closed	Should have	Concurrency stress test	Robert Lemke	- Testing -	1.0 alpha 2	
3581	TYPO3.Flow	Feature	Resolved	Must have	Site lock / code cache flushing mechanism	Robert Lemke	Cache	1.0 alpha 2	
3580	TYPO3.Flow	Feature	New	Must have	Create an administration panel for the FLOW3 Development context		MVC		
3560	TYPO3.Flow	Feature	Resolved	Should have	Display meaningful error message if temporary path would be too long for OS	Bastian Waidelich	Utility	1.0 alpha 3	
3513	TYPO3.Flow	Bug	Resolved	Must have	Created logfiles are read-only for either command line user or web user	Robert Lemke	Log	1.0 alpha 1	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
3507	TYPO3.Flow	Task	Resolved	Must have	Apply new conventions for naming of Domain Models and Repositories	Karsten Dambekalns		1.0 alpha 2	
3488	TYPO3.Flow	Bug	Resolved	Must have	Parameters of actions which have a name containing uppercase characters are not automatically registered		MVC	1.0 alpha 1	
3480	TYPO3.Fluid	Bug	Resolved	Must have	SelectViewHelper creates multiple select field by default	Sebastian Kurfuerst	ViewHelpers	1.0.0 alpha 1	
3477	TYPO3.Flow	Bug	Resolved	Must have	Objects added to a (persistence) repository don't have have a uuid	Karsten Dambekalns	Persistence	1.0 alpha 1	
3467	TYPO3.Flow	Feature	Resolved	Could have	Implement meaningful / helpful default view for Production context	Karsten Dambekalns	MVC	1.0 alpha 5	
3466	TYPO3.Flow	Task	Resolved	Must have	Update / move GPL.txt file in FLOW3 distribution	Karsten Dambekalns	- Documentation -	1.0 alpha 1	
3400	TYPO3.Flow	Task	Resolved	Must have	Is FLOW3\Utility\GenericCollection obsolete?	Bastian Waidelich	Utility	1.0 alpha 1	
3398	TYPO3.Flow	Task	Resolved	Should have	Are methods in CLI\Request still used?	Karsten Dambekalns	MVC	1.0 alpha 1	
3382	TYPO3.Flow	Feature	Resolved	Should have	Make Fluid the default templating engine in FLOW3	Karsten Dambekalns	MVC	1.0 alpha 1	
3381	TYPO3.Flow	Task	Resolved	Must have	Write installation instructions for Debian	Andreas Förthner	- Documentation -	1.0 alpha 1	
3380	TYPO3.Flow	Task	Resolved	Must have	Write installation instructions for MacOS	Karsten Dambekalns	- Documentation -	1.0 alpha 1	
3379	TYPO3.Flow	Task	Resolved	Must have	Write installation instructions for Windows	Karsten Dambekalns	- Documentation -	1.0 alpha 1	
3377	TYPO3.Flow	Task	Resolved	Must have	Move the manual to a DocBook subdirectory	Karsten Dambekalns	- Documentation -	1.0 alpha 1	
3376	TYPO3.Flow	Feature	Resolved	Must have	Implement a more attractive and informative default view	Robert Lemke	MVC	1.0 alpha 1	
3375	TYPO3.Flow	Bug	Resolved	Must have	PATH_INFO is empty using fastcgi / Windows	Karsten Dambekalns	MVC	1.0 alpha 8	
3373	TYPO3.Flow	Task	Resolved	Must have	Check the fixpermissions script	Karsten Dambekalns		1.0 alpha 1	
3322	TYPO3.Flow	Task	Closed	Should have	Use mocked objects instead of real ones in the RouteTest		MVC	1.0 alpha 2	
3312	TYPO3.Flow	Feature	Needs Feedback	Should have	Allow for easy logging by annotations	Robert Lemke	Log		
3306	TYPO3.Flow	Feature	Accepted	Should have	Flush routes cache automatically on class file modifications	Robert Lemke	MVC		
3304	forge.typo3.org	Feature	Closed	Should have	Features for release planning	Robert Lemke	Development		
3303	TYPO3.Flow	Task	Resolved	Should have	Rename URIHelper to URIBuilder	Bastian Waidelich	MVC	1.0 alpha 1	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
3302	TYPO3.Flow	Feature	Resolved	Must have	Implement a "Controller Context"	Christopher Hlubek	MVC	1.0 alpha 1	
3278	TYPO3.Flow	Bug	Resolved	Must have	Resource manager doesn't publish files without extension	Karsten Dambekalns	Utility	1.0 alpha 5	
3276	TYPO3.Flow	Feature	Resolved	Should have	Support Conjunction and Disjunction Composite validators	Christopher Hlubek	Validation	1.0 alpha 1	
3275	TYPO3.Flow	Bug	Resolved	Must have	ValidatorResolver can't parse validator arguments containing round brackets	Karsten Dambekalns	Validation	1.0 alpha 2	
3240	TYPO3.Flow	Bug	Resolved	Must have	AOP cache is not emptied if class file is deleted	Robert Lemke	Monitor	1.0 alpha 2	
3153	TYPO3.Flow	Feature	New	Should have	Support of action based filter rules defined by annotation.		MVC		
3152	TYPO3.Flow	Bug	Resolved	Must have	The Reflection does not recognize changes in class files	Robert Lemke	Reflection	1.0 alpha 1	
3093	TYPO3.Flow	Feature	Resolved	Must have	Implement annotation based validation rules for models	Robert Lemke	Validation	1.0 alpha 1	
3092	TYPO3.Flow	Feature	Resolved	Must have	Support annotation-based validation rules in controller actions	Robert Lemke	MVC	1.0 alpha 1	
3091	TYPO3.Flow	Feature	Resolved	Should have	Support new method "initializeXYAction" in controllers	Robert Lemke	MVC	1.0 alpha 1	
3034	TYPO3.Flow	Bug	Resolved	Should have	The Resolve Handler Resolver doesn't check if potential resolve handlers are registered objects	Robert Lemke	MVC	1.0 alpha 1	
2979	TYPO3.Flow	Feature	Resolved	Must have	Implement replace() method for the base Repository	Robert Lemke	Persistence	1.0 alpha 1	
2974	TYPO3.Flow	Bug	New	Must have	Aspect / Proxy Cache is not emptied automatically if an interface used for introduction was modified	Robert Lemke	AOP		
2832	TYPO3.Flow	Feature	Resolved	Must have	Implement a "(String)Length Validator"		Validation	1.0 alpha 1	
2819	TYPO3.Flow	Feature	Resolved	Must have	View Helper "Flash Message"	Karsten Dambekalns	MVC	1.0 alpha 1	
2818	TYPO3.Flow	Feature	Closed	Should have	Provide safeguard for preventing multiple submits of a form		MVC		
2816	TYPO3.Flow	Feature	Resolved	Must have	Implement redirect to action	Karsten Dambekalns	MVC	1.0 alpha 1	
2815	TYPO3.Fluid	Feature	Resolved	Must have	Support for objects as values in hidden fields	Robert Lemke		1.0.0 alpha 1	
2621	TYPO3.Flow	Feature	Resolved	Must have	Support SPLObjectStorage as container for references to other persisted objects	Karsten Dambekalns	Persistence	1.0 alpha 1	
2603	TYPO3.Flow	Feature	Resolved	Must have	Implement magic findBy*() and findOneBy*() methods in the base repository	Robert Lemke	Persistence	1.0 alpha 1	
2602	TYPO3.Flow	Feature	Resolved	Should have	Automatically render the view if action returns nothing (NULL)	Robert Lemke	MVC	1.0 alpha 1	
2601	TYPO3.Flow	Bug	Resolved	Must have	canProcessRequest doesn't accept mocked requests	Robert Lemke	MVC	1.0 alpha 1	
2558	TYPO3.Flow	Bug	Closed	Must have	Property Injection doesn't work with subclasses	Karsten Dambekalns	Object	1.0 alpha 1	
2557	TYPO3.Flow	Bug	Resolved	Must have	Links rendered by the Router ignore application context	Karsten Dambekalns	MVC	1.0 alpha 1	

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
2556	TYPO3.Flow	Task	Resolved	Should have	Use only mock objects instead of the real object manager / factory in Routing tests	Bastian Waidelich	MVC		
2536	TYPO3.Flow	Task	Resolved	Must have	Additions to coding guidelines		- Documentation -	1.0 alpha 1	
2524	TYPO3.Flow	Task	Resolved	Must have	Short filenames for class files	Robert Lemke		1.0 alpha 1	
2515	TYPO3.Flow	Task	Resolved	Must have	Inconsistent class names in sub namespaces	Robert Lemke		1.0 alpha 1	
2506	TYPO3.Flow	Feature	Resolved	Should have	Automagic action argument registration	Robert Lemke	MVC	1.0 alpha 1	
2408	TYPO3.Flow	Feature	Resolved	Should have	Automatic flushing of object configuration cache	Robert Lemke	Object	1.0 alpha 1	
2384	TYPO3.Flow	Feature	Resolved	Should have	Support for injection of setting values	Robert Lemke	Object	1.0 alpha 1	
2365	TYPO3.Flow	Feature	Resolved	Should have	Support simple comparisons in Setting Pointcutfilter expression	Andreas Förthner	AOP	1.0 alpha 1	
2318	TYPO3.Flow	Feature	Resolved	Must have	Implement point cut designator methodTaggedWith()	Robert Lemke	AOP	1.0 alpha 1	
2305	TYPO3.Flow	Feature	Resolved	Should have	Automatic flushing of AOP Proxy Cache	Robert Lemke	AOP	1.0 alpha 1	
2297	TYPO3.Flow	Feature	Resolved	Should have	automagic settings injection	Robert Lemke	Object	1.0 alpha 1	
2284	TYPO3.Flow	Feature	Resolved	Must have	Make Reflection caching more intelligent	Robert Lemke	Reflection	1.0 alpha 1	
2158	TYPO3.Flow	Bug	Resolved	Must have	flushByTag() does not check tags for validity	Robert Lemke	Cache		
2156	TYPO3.Flow	Task	Resolved	Must have	Optimize autowiring in the Object Builder	Robert Lemke	Object	1.0 alpha 1	
2123	TYPO3.Flow	Task	Resolved	Should have	Refactor (Object) Framework unit tests	Robert Lemke	Object	1.0 alpha 8	
2119	TYPO3.Flow	Task	Resolved	Must have	Rename "component" to "object"	Robert Lemke	Object	1.0 alpha 1	
2118	TYPO3.Flow	Task	Resolved	Must have	Decouple MVC and Security	Robert Lemke	MVC	1.0 alpha 1	
2117	TYPO3.Flow	Task	Resolved	Should have	Clean up bootstrap	Robert Lemke	Core		
2110	TYPO3.Flow	Feature	Resolved	Should have	Add support for custom factories	Robert Lemke	Object	1.0 alpha 1	
2109	TYPO3.Flow	Feature	Resolved	Should have	Support constructor / factory arguments in Objects injection configuration	Robert Lemke	Object	1.0 alpha 1	
1787	TYPO3.Flow	Feature	Resolved	Must have	Improved cache registration		Cache	1.0 alpha 1	
1786	TYPO3.Flow	Feature	Closed	Must have	findByTag support for the cache frontend	Karsten Dambekalns	Cache		
1785	TYPO3.Flow	Feature	New	Must have	Automatic garbage collection for expired cache entries		Cache		
1634	TYPO3.Flow	Feature	Resolved	Should have	Allow omitting the @reference annotation for object properties	Karsten Dambekalns	Persistence		
1543	TYPO3.Flow	Feature	Resolved	Must have	Support 1-1 object references	Karsten Dambekalns	Persistence		
1523	TYPO3.Flow	Task	Resolved	Should have	Rename Reflection classes	Karsten Dambekalns	Reflection		
1513	TYPO3.Flow	Feature	Resolved	Should have	Add magic call method to the Empty View	Robert Lemke	MVC		
1511	TYPO3.Flow	Feature	Resolved	Must have	Create a "Not Found" Controller	Robert Lemke	MVC		

#	Project	Tracker	Status	Priority	Subject	Assignee	Category	Target version	Has patch
1456	TYPO3.Flow	Bug	Resolved	Should have	Empty array causes PDO exception if not documented as @reference	Karsten Dambekalns	Persistence		
1280	TYPO3.Flow	Task	Resolved	Must have	Tag all classes as @internal - except the released API	Robert Lemke	- Documentation -	1.0 alpha 1	
1278	TYPO3.Flow	Bug	Resolved	Must have	Router matches static route parts even on substrings	Bastian Waidelich	MVC		
1265	forge.typo3.org	Bug	Closed	Should have	Right-click on issue list does not work anymore		Development		
1245	DEV3	Bug	New	Must have	TypoScript Editor / Mac: Unsupported Class Version Error	Sebastian Böttger	TYPO3 4.x TypoScript Editor		
1235	TYPO3.Flow	Feature	Closed	Should have	Check if mod_rewrite is enabled	Karsten Dambekalns			
947	F3PR	Story	Accepted	-- undefined --	Block new releases				
946	F3PR	Story	Accepted	-- undefined --	Remove package release from listing				
945	F3PR	Story	Accepted	-- undefined --	Register package key		Package Repository		
944	F3PR	Story	Accepted	-- undefined --	Tag released packages		Forge		
943	F3PR	Story	Accepted	-- undefined --	Test before a release		Forge		
942	F3PR	Story	Accepted	-- undefined --	Release package		Forge		
941	F3PR	Story	Accepted	-- undefined --	Search for packages		Frontend		
940	F3PR	Story	Accepted	-- undefined --	Activate package		Package Manager	Sprint #0	
939	F3PR	Story	Accepted	-- undefined --	Switch between package versions		Package Manager	Sprint #0	
938	F3PR	Story	Accepted	-- undefined --	Install package from repository			Sprint #0	
937	F3PR	Story	Accepted	-- undefined --	Create default action controller		Package Manager		
936	F3PR	Story	Accepted	-- undefined --	Create package meta data		Package Manager	Sprint #0	
935	F3PR	Story	Accepted	-- undefined --	Create new package		Package Manager	Sprint #0	
880	TYPO3.Flow	Bug	Resolved	Must have	F3_FLOW3_MVC_Controller_ArgumentsValidator is untested	Robert Lemke	MVC	1.0 alpha 1	
879	TYPO3.Flow	Bug	Closed	Could have	setValidator et al. are misleading method names	Andreas Förthner	MVC		
764	TYPO3.Flow	Feature	Resolved	Could have	Implement tagging support for Memcache backend	Karsten Dambekalns	Cache		

...