List of Planned 2.9.0 Changes

> (i) **Document in Progress**
>
> Planning for the 2.9 release has just begun. Check back frequently for updates.

Timeline

A timeline for the 2.9.0 release has not yet been drafted.

Key dates

Action	Date
Major changes	
Code Freeze	2011-09-21
Alpha tag	
Beta tag	
String freeze	
Release Candidate Tag	
Decision Point for Release	2012-02-14
Software Release	2012-03-01

Current "Big" Proposals

Additions

JIRA	Proposer	Des of a pro
⊞ **SAK-20344** - Add functionality for importing users from an Excel spreadsheet or CSV file `IN PROGRESS`	Adrian Fish	Add E CSV u impor info to
☑ **SAK-19813** - Build a new portal for Sakai CLE 2.9 `CLOSED`	Charles Severance	NeoPo portal includ Fish's chat a exten

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

⚠ Jira project doesn't exist or you don't have permission to view it.

View these issues in Jira

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type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due	Carl Hall Seth Theriault	Mailse (repla depre Mailto

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type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due	Daniel Robinson	new R tool (Lanc

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type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due	Adrian Fish	updat tool fr Lanca Rewri origin tool ir /Trimp Simila impro functi and b

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											John Bush	Allow reload Serve ationS prope comp mana primit
☑ SAK-39667 - Add documentation and dynamic loading features to the ServerConfigurationService and component manager CLOSED												

⊞ **SAK-20552** - Grading all section members once CLOSED	David Roldán Martínez	Gradi... sectio... memb...
⊞ **SAK-20554** - Assignment section filter in grade report RESOLVED	David Roldán Martínez	Assigr... sectio... grade...

		David Roldán Martínez	New assignment type: record
➕ **SAK-20555** - New assignment type: audio recording `CLOSED`			
🟥 **SAK-20556** - Assignments Zip Export doesn't preserve UTF8 names `CLOSED`		David Roldán Martínez	Assign Zip Ex doesn preser name

| ⊞ **SAK-34956** - Multiple choice, multiple answer with penalty `CLOSED` | David Roldán Martínez | Multip multip answe penalt |

+ **SAK-20558** - Sending the same feedback comment to a set of users `CLOSED`

David Roldán Martínez

Sendi
same
comm
set of

+ **SAK-20681** - Searching using wildcards and optional accents `CLOSED`

David Roldán Martínez

Searc
using

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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[View these issues in Jira](#)

David Horwitz

Promo
sakai-

					Matthew Buckett Seth Theriault	soft-d /resou from hostin purgir
➕ **SAK-1525** - Enable ability to restore deleted resources in Resources Tool [VERIFIED]	/	➕ **SAK-39498** - Enables restoration of deleted files. [CLOSED]				
❤️ **SAK-19952** - The ability to move a site to a recycle bin and then purge it after a set period of time [VERIFIED]					Steve Swinsburg	soft-d sites v purgir days l defau
🔴 **SAK-39193** - Outstanding issues with SAK-800 [CLOSED]	/	➕ **SAK-800** - Upload, download and extract Zip archive files in Sakai Resources Tool [CLOSED]			Sam Ottenhoff	Uploa unroll

Deprecations and Removals

JIRA	Proposer	Description of addition proposal	Notes	Status
		Complete removal of OSP Warehouse (No user facing components). OSP dependency an issue		
		Remove Profile "classic" (addition of roster2 renders it redundant).		

Architectural and library changes

What	JIRA	Description	Notes	Status
Tomcat 6		Move to Tomcat 6	I believe we should target Tomcat 7 instead (SS) TC6: ☑️ **SAK-17891** - Upgrade to Tomcat 6 [RESOLVED] TC7: ➕ **SAK-18760** - Upgrade to Tomcat 7 [RESOLVED] TC7 experiment: http://steveswinsburg.wordpress.com/2011/04/07/sakai-runs-in-tomcat-7/	
JDK 1.6	☑️ **SAK-20089** - Require Java 1.6 [CLOSED]	Require Java 1.6		In Progress
support for Oracle 9i		Deprecate support for Oracle 9i	We could deprecate SPECIFIC Oracle9 support after, for example, the 2.8 release. In this case, the deprecation means that we don't guarantee that stuff - mostly conversions I expect - will work in Oracle9 past that time and that we are free to use Oracle10+-isms at any moment. We would need to communicate this early, often, and as widely as possible. In addition, we would probably need to offer solid advice on moving from LONGs to LOBs and making sure that OOTB Sakai doesn't create LONGS or other older/deprecated data types like DATE (use TIMESTAMP)."	Will occur after 2.8 release
JSF	☑️ **SAK-19282** - Upgrade to jsf 1.1_02 [CLOSED]	Upgrade to jsf 1.1_02		Complete d-ish (many tools need review)
JSF	☑️ **SAK-20086** - Need upgrading JSF to 1.2.x or higher in Sakai-JSF framework [CLOSED]	Upgrade JSF project to laters 1.2 release (1.2_15)		Under discussion / Needs resources
support for IBM DB2		Officially remove support for IBM DB2 if no one in the community is ready to do it and cleanup the official code	Discussion delayed because we were working on 2.8 and waiting for news from IBM. Audit is done in ☑️ **SAK-20243** - Deprecate WAS/DB2-related code and scripts [RESOLVED]	Get news and discuss
support for IBM WebSphere Application Server		Officially remove support for IBM WebSphere Application Server if no one in the community is ready to do it and cleanup the official code	Discussion delayed because we were working on 2.8 and waiting for news from IBM. Audit is done in ☑️ **SAK-20243** - Deprecate WAS/DB2-related code and scripts [RESOLVED]	Get news and discuss

Maven 3.0.3		Move to Maven 3	at minimum make Maven 2.2.1 the minimum version required.	
DBCP	Upgrade to DBCP 1.4	DBCP requires java 1.6		

Project-Specific Updates

Sakai Monolithic

Project	Lead	Bug Fixes (Yes /No)	API Changes? (Yes /No)	Enhancements List (w/ SAK)	API Changes?	Notes
Announcements	Savitha Prakash	Yes	No	- Add announcement API support in Entity Broker (SAK-18764) - Allow individual announcements to be retrieved the entitybroker (SAK-20562)		
Assignments	Zhen Qian					
BasicLTI	Charles Severance					
Chat	Maintenance Team					
Calendar Summary	Maintenance Team					
Citations	Jon Dunn					
Email Archive	Matthew Jones					
Email template service	David Horwitz					
Gradebook	Kirk Alexander, Jonathan Cook					
I18n	Beth Kirschner					
Linktool	Charles Hedrick					
OSP	Chris Maurer, Noah Botimer					
Podcasts	Tan Nguyen					
Portal	Matthew Buckett, Charles Severance					
Post'Em	Ying Wang					
Preferences	Maintenance Team					
Quartz Scheduler	Maintenance Team					
Roster	Maintenance Team					
Resources, Drop Box	Maintenance Team					
rWiki	Savitha Prakash					
Syllabus	[~gjthomas]					
Schedule	Beth Kirschner					
Site Info	Zhen Qian					
WebDAV	Charles Hedrick					
Worksite Setup	Zhen Qian					
WYSIWYG Editor	Noah Botimer					

Independent Releases for inclusion in 2.9.0 Distribution

Project	Lead	Bug Fixes (Yes / No)	API Changes?(Yes / No)	Enhancements List (w/ SAK)	Version	Notes
common						
content-review	David Horwitz					
edu-services	David Horwitz					
Entity Broker	Aaron Zeckoski					
hybrid	Lance Speelmon					
Kernel	David Horwitz					
Message Center	[~wagnermr]					
Samigo (Aka Tests & Quizzes)	Lydia Li					
Profile2	Steve Swinsburg	Yes	Yes	Abandon SakaiPerson. Reimplement. (PRFL-230) Allow customisable fields (PRFL-390) Create worksite based on connections (PRFL-388) Mutual connections panel (PRFL-124) Tag your connections (PRFL-104) Combined/simplified search (w/ filtering) (PRFL-381) Badges (PRFL-631)	1.5.0	
Polls	David Horwitz					
Reset Password	David Horwitz					

purepoms						
Search	David Horwitz					
Site Stats	Maintenance Team					
Web services	Steve Swinsburg	Yes	No (but there are new services)	TBA		

Packaging changes

*1. Move entitybroker into the kernel.
*2. Move common into the kernel.

Other miscellaneous 2.x Changes

The following "scenarios" should also be considered for future 2.x releases (posted by Anthony Whyte after Denver Project Coordination Discussions):

1. Refactor JSF tools that fail to compile in Java 1.6 so that we can eliminate the need the specify the workaround system property -Dsun.lang.ClassLoader.allowArraySyntax=true.

- TCC Discussion: The move to Tomcat 6 and Java 1.6 was discussed at length on 18 August 2010. It seems that trying to make the required changes to move to Tomcat 6 and use Java 1.6 without any -D workarounds is too aggressive for 2.8.
- Comment on 8/31/10 from Charles Hedrick: Why do we object to using -D? Mightn't we be better off to use Tomcat 6 with -D than continue with Tomcat 5.5?
  - +1 Mustansar Mehmood
- Charles Severance: I think the Tomcat 5 / 6 Discussion centered less around the -D and more around the worry that there would be little issues that would pop up that would be hard to find, reproduce, track and fix. It seemed like the first attempts at T6 failed and folks decided to focus elsewhere. So we don't have any data that gives us confidence that T6 is an "easy switch".If no one chooses to run T6 and then report that T6 works solidly with no strange glitches - we will find ourselves in the same place for 2.9.

2. Refactor Portfolio and other tools in order to eliminate the need to specify the workaround system property -Dorg.apache.jasper.compiler.Parser.STRICT_QUOTE_ESCAPING=false required since Tomcat 5.5.27.

3. Rework Sakai deployment patterns (e.g., target=/lib) so that we can upgrade to Tomcat 6.0.

- This may not be necessary as you can just updated the shared classloader config in conf/catalina.properties to:

```
shared.loader=${catalina.base}/shared/classes,${catalina.base}/shared/lib/*.jar
```

4. Add mailsender as a possible replacement for the retired mailtool.

- Comment from Clay Fenlason: Re: mailtool. It should be removed, but it's less clear that mailsender should replace it. Mailsender has no maintainer either, it just happens to be in better shape codewise. Would the maintenance team be prepared to support it?
- Comment from Jean-François Lévêque (2011-05-26): Even if the official maintenance of Mailsender question is valid, this project seems active with Carl helped by Seth and contributions to maven packaging by Anthony.

5. Deprecate linktool (replaced by basiclti)

- Comment from Stephen Marquard: On #6, basiclti is not equivalent or better than LinkTool. They have different security models, and in some respects that of LinkTool is stronger than basiclti's. There is also some functionality for getting Sakai sessions through webservices that's not in basiclti. So I don't think it will be possible to deprecate LinkTool anytime soon, especially as basiclti's capabilities may be limited to what the standard supports.
  Comment from Charles Severance: I see no reason to deprecate LinkTool as it is not a maintenance concern and man... I see no reason to deprecate LinkTool as it is not a maintenance concern and many folks are using it in production and while Basic LTI provides equivalent information to LinkTool, BasicLTI is not a direct replacement for LinkTool. We can have the debate as to which is more secure over beers But again, the upshot is I recommend against deprecating LinkTool in 2.8.
- Comment from Anthony Whyte: The question of deprecation (e.g., stealthing a tool in the next release (2.8) and then removing it from the release that follows (2.9)) is a question separate from whether or not it's a maintenance concern (currently Stephen maintains it). I posed the scenario in order to surface discussion regarding whether or not basiclti (or LTI) can provide equivalent functionality in 2012 that renders it redundant.

6. Review tools that do not implement fine-grained permissions and correct as necessary.

7. Review tools that are not group aware and correct as necessary.

8. Review tools that do not auto-register events with sitestats (via the entitybroker) and implement as necessary.

9. Review tools that could benefit from the addition of entitybroker providers and implement as necessary.

10. Convert portfolios (osp) to an indie release; the assignment tool might also benefit by moving to its own release schedule.

- The conversion of OSP to an independent release was discussed, but it depends on the release of Assignments as an indie as well.
- Comment from Mustansar Mehmood: Independent release of OSP is a great idea like samigo

11. Make portfolios i18N friendly.

12. Email Archive Enhancements (Wish list / development work without plans or resources)

- Checkboxes for multiple deletion and sending
- Performance improvements

13. Entity Broker Enhancements (Wish list / development work without plans or resources)

- Search Integration
- Archive Integration

14. Gradebook

15. Assigments2 inclusion in foundation distribution.