SOAP-to-REST

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SOAP to REST

The purpose of this document is to provide a mapping from SOAP Web Service calls to REST API Endpoints. This is meant to be a quick-start guide to the migration process. With SOAP being deprecated in the near term future and removed from Learn following the public API Deprecation Policy, it is our intention to provide you the information you need in order to migrate as painlessly as possible. This is a living document and will up updated as the last few remaining gaps in functionality are closed.

New REST APIs are rolled out in new versions of Learn, but never back-ported to previous releases. To be sure the endpoint you require is available, be sure to visit the Developer Portal and check the individual endpoints you need.

Announcements

Use Case	SOAP WS Call	REST Endpoint
Create Course	AnnouncementWS.createCour	rse Rûs Tincements()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements
Read Course	AnnouncementWS.getCourseA	Anto Efficements()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{announcements/
Read All Course	AnnouncementWS.getCourseA	Anto Efficements()
Announcements		/learn/api/public/v1/courses/{courseId}/announcements
Update Course	AnnouncementWS.updateCou	urs&AAThOThcements()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{ann
Delete Course	AnnouncementWS.deleteCour	
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{ann
Create Organization	AnnouncementWS.createOrgA	AmROSciements()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements
Read Organization	AnnouncementWS.getOrgAnn	nou Ga Thents()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{ann
Read All Organization	AnnouncementWS.getOrgAnn	nou G EThents()
Announcements		/learn/api/public/v1/courses/{courseId}/announcements
Update Organization	AnnouncementWS.updateOrg	Annatheements()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{ann
Delete Organization	AnnouncementWS.deleteOrgA	And Circle Thents()
Announcement		/learn/api/public/v1/courses/{courseId}/announcements/{ann
Create System	AnnouncementWS.createSyste	em ROS OLyd eare y(zq)/public/v1/announcements
Announcement		
Read System	AnnouncementWS.getSystem.	An General ()
Announcement		/learn/api/public/v1/announcements/{announcementId}
Read All System	AnnouncementWS.getSystem.	An Galific elements (a)pi/public/v1/announcements
Announcements		
Update System	AnnouncementWS.updateSyst	tenPAMTiGHncements()
Announcement		/learn/api/public/v1/announcements/{announcementId}

Use Case	SOAP WS Call	REST Endpoint
Delete System	AnnouncementWS.deleteSystem	m And the ments ()
Announcement		$/learn/api/public/v1/announcements/\{announcementId\}$

Calendar

Use Case	SOAP WS Call	REST Endpoint
Create a Course	CalendarWS.createCourseCalendarItem()Calend	lar INOS EveCourse Calendar I tem()
Calendar Item	V	/learn/api/public/v1/calendars/items
Read a Course	CalendarWS.getCalendarItem()	GET
Calendar Item	O ()	/learn/api/public/v1/calendars/items/{calenda
		type}/{calendar item id}
Read all Course	CalendarWS.getCalendarItem()	GET
Calendar Items	Ç ,	/learn/api/public/v1/calendarsGET
		/learn/api/public/v1/calendars/items
Update a Course	CalendarWS.updateCourseCalendarItem()CalendarItem()	
Calendar Item	-	/learn/api/public/v1/calendars/items/{calenda
		type}/{calendar item id}
Delete a Course	CalendarWS.deleteCourseCalendarItem()	DELETE
Calendar Item	V	/learn/api/public/v1/calendars/items/{calenda
		type}/{calendar item id}
Create an	CalendarWS.createInstitutionalCalendarItem()CalendarItem	CalendarItem()
Institutional		/learn/api/public/v1/calendars/items
Calendar Item		
Read an	CalendarWS.getCalendarItem()	GET
Institutional		/learn/api/public/v1/calendars/items/{calenda
Calendar Item		$type$ /{calendar item id}
Read all	CalendarWS.getCalendarItem()	GET
Institutional		/learn/api/public/v1/calendarsGET
Calendar Items		/learn/api/public/v1/calendars/items
Update an	${\bf Calendar WS. update Institutional Calendar Item () }$	V
Institutional		/learn/api/public/v1/calendars/items/{calenda
Calendar Item		$type \}/\{calendar item id\}$
Delete an	${\bf Calendar WS. delete Institutional Calendar Item ()}$	DELETE
Institutional		/learn/api/public/v1/calendars/items/{calenda
Calendar Item		$type$ /{calendar item id}
Create a Personal	${\bf Calendar WS. create Personal Calendar Item () Calend$	
Calendar Item		/learn/api/public/v1/calendars/items
Read a Personal	${\bf Calendar WS.get Calendar Item ()}$	GET
Calendar Item		/learn/api/public/v1/calendars/items/{calenda
		$type$ /{calendar item id}
Read all Personal	CalendarWS.getCalendarItem()	GET
Calendar Items		/learn/api/public/v1/calendarsGET
		/learn/api/public/v1/calendars/items
Update a Personal	${\bf Calendar WS. update Personal Calendar Item() Calendar Item()} \\$	· · · · · · · · · · · · · · · · · · ·
Calendar Item		/learn/api/public/v1/calendars/items/{calenda
D.1.		type}/{calendar item id}
Delete a Personal	${\bf Calendar WS. delete Personal Calendar Item ()}$	DELETE
Calendar Item		/learn/api/public/v1/calendars/items/{calenda
		$type$ /{calendar item id}

Content

Use		DDGT F. J. · · ·
Case	SOAP WS Call	REST Endpoint
Create Course TOC	ContentWS.saveCourseTOC()	POST /learn/api/public/v1/courses/{courseId}/contents
Read Course TOC	${\bf ContentWS.getTOCsByCourseIo}$	dQET /learn/api/public/v1/courses/{courseId}/contents/{content ID}
Read All Course TOC	${\bf ContentWS.getTOCsByCourseId}$	$\label{eq:coursed} $$ d\mathbb{Q}ET / \frac{public}{v1/courses}/{courseId}/contents $$$
Update Course TOC	${\bf ContentWS.save Course TOC()}$	$PATCH \ /learn/api/public/v1/courses/\{courseId\}/contents$
Delete Course TOC	${\bf ContentWS. delete Course TOCs} ($) DELETE /learn/api/public/v1/courses/{courseId}/contents
Create Content Item	${\bf ContentWS.saveContent()}$	$POST / learn/api/public/v1/courses/\{courseId\}/contents/\{content ID)/children$
Read Content Item	${\bf Content WS.get Filtered Content (}$) GET /learn/api/public/v1/courses/{courseId}/contents/{content ID}
Read All Content	${\bf ContentWS.getFilteredContent} ($) GET /learn/api/public/v1/courses/{courseId}/contents/{content ID)/children
Items Update Content Item	${\bf ContentWS.saveContent()}$	PATCH /learn/api/public/v1/courses/{courseId}/contents
Delete Content Item	${\bf ContentWS. deleteContents()}$	DELETE /learn/api/public/v1/courses/{courseId}/contents
Attach File	ContentWS.addContentFile()	$POST / learn/api/public/v1/courses/\{courseId\}/contents/\{content ID\}/attachment$
Remove File	ContentWS.deleteContentFiles()	DELETE /learn/api/public/v1/courses/{courseId}/contents/{contentID}/attach: ID}
Update File	Content WS. update Content File L	,
Read Content File	${\bf ContentWS.getContentFiles()}$	GET /learn/api/public/v1/courses/{courseId}/contents/{contentID}/attach: ID}
Read All Content Files	${\bf ContentWS.getContentFiles()}$	GET /learn/api/public/v1/courses/{courseId}/contents/{content ID}/attachment
	${\bf ContentWS.getContentFiles()}$	GET /learn/api/public/v1/courses/{courseId}/contents/{contentID}/attach ID}/downloads

Use		
Case	SOAP WS Call	REST Endpoint
Create	ContentWS.saveLink()	POST /learn/api/public/v1/courses/{courseId}/contents/{content
Link		ID}/children
Read	ContentWS.getLinksByReferr	red KGHETpe/() Cron/topit/WiBbjet/WilykxByrFes/erronFsqld()/contents/{content
Link	· ·	ID}
Read	ContentWS.getLinksByReferr	red TGHType(i) Grow/topit/WiSbjet/WilykxByrSes@ronTsqle())/contents
All	· ·	
Links		
Update	ContentWS.saveLink()	PATCH /learn/api/public/v1/courses/{courseId}/contents/{content
Link		ID }
Delete	ContentWS.deleteLink()	DELETE
Link		/learn/api/public/v1/courses/{courseId}/contents/{content ID}
Get Re-	ContentWS.getReviewStatusI	ByCG True Id()
viewed		/learn/api/public/v1/courses/{courseId}/contents/{contentId}/users/{userId}/
Status		
Set Re-	ContentWS.setContentReview	ved (PATCH
viewed		/learn/api/public/v1/courses/{courseId}/contents/{contentId}/users/{userId}/
Status		

${\bf Context}$

Use Case	SOAP WS Call	REST Endpoint	
Register Tool	ContextWS.registerTool()	N/A	
Emulate a User	ContextWS.emulateUser() GET /learn/api/public/v1/oauth2/authorizationcodePOST /learn/api/public/v1/oauth2/token	
Extend Session Life	ContextWS.extendSession	nIPOST /learn/api/public/v1/oauth2/token	
Get Memberships By UserID	ContextWS.getMembershipGET /learn/api/public/v1/users/{user id}/courses		
Get Current User's Memberships	${\tt ContextWS.getMyMember {\tt Chapt}() learn/api/public/v1/users/me/courses}$		
Get System Installation ID	${\bf ContextWS.getSystemInstall last ib in Id}()$		
Login as User	$\operatorname{ContextWS.login}()$	GET /learn/api/public/v1/oauth2/authorizationcodePOST /learn/api/public/v1/oauth2/token	
Login with Access Ticket	${\bf ContextWS.loginTicket()}$	N/A	
Login as Tool	${\bf ContextWS.loginTool()}$	POST /learn/api/public/v1/oauth2/token	
Logout	ContextWS.logout()	N/A	

Courses

Use Case	SOAP WS Call	REST Endpoint
Create Course	CourseWS.createCourse() ROSTW Sarve Contract lic/v2/courses
Read Course	CourseWS.getCourse()	GET /learn/api/public/v2/courses/{courseId}
Read All Courses	CourseWS.getCourse()	GET /learn/api/public/v2/courses
Update Course	CourseWS.saveCourse()	PATCH /learn/api/public/v2/courses/{courseId}
Update Course	CourseWS.changeCourse	Barancin() learn/api/public/v2/courses/{courseId}
BatchUID		, , , , , , , , , , , , , , , , , , , ,
Update Course	CourseWS.changeCourse	CRATCHBatchUid()
Category	<u> </u>	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId

Use Case	SOAP WS Call	REST Endpoint
Update Course Datasource	CourseWS.changeCourseD	$\textbf{PRAS6Hc} \\ \textbf{eId} \\ \textbf{n/api/public/v2/courses/\{courseId\}}$
Delete Course	CourseWS.deleteCourse()	DELETE /learn/api/public/v2/courses/{courseId}
Create		POST /learn/api/public/v2/courses
Organization	3()	
Read	CourseWS.getOrg()	GET /learn/api/public/v2/courses/{courseId}
Organization	0.1.2.1.1.2.8.1.3.28()	0-1 // o.p/ P. 00-10/ (
Read All	CourseWS.getOrg()	GET /learn/api/public/v2/courses
Organizations	0.1.2.1.1.2.8.1.3.28()	5 //
Update	CourseWS.saveCourse()	PATCH /learn/api/public/v2/courses/{courseId}
Organization		
Jpdate	CourseWS.changeOrgBate	EPATIOH /learn/api/public/v2/courses/{courseId}
Organization	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	(*************************************
BatchUID		
Jpdate	CourseWS.changeOrgCate	PATEHCHUId()
Organization		/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
Category		,,,,
Jpdate	CourseWS.changeOrgData	ABATE CHILD [Jearn/api/public/v2/courses/{courseId}
Organization		(00 albora)
Datasource		
Delete	CourseWS.deleteOrg()	DELETE /learn/api/public/v2/courses/{courseId}
Organization	()	- // «F-/ F/ · -/ -// (00 at 50 fd)
Create Group	CourseWS.saveGroup()	POST /learn/api/public/v1/courses/{courseId}/groups
Read Group		GET /learn/api/public/v1/courses/{courseId}/groups/{group
tead Group		Id}
Read All Groups		GET /learn/api/public/v1/courses/{courseId}/groups
Jpdate Group		PATCH /learn/api/public/v1/courses/{courseId}/groups/{group
paare Group		Id}
Delete Group		DELETE
Jelete Group	Course W.S. delete Group()	/learn/api/public/v1/courses/{courseId}/groups/{group Id}
Create Term	CourseWS.saveTerm()	POST /learn/api/public/v1/terms
Read Term	· · · · · · · · · · · · · · · · · · ·	usevs/learl/api/pushic/vi/terms/{term id}
Read All Terms		uGie W Slean / Tepinip Bly New 10 erms
Jpdate Term		PATCH /learn/api/public/v1/terms/{term id}
Delete Term		DELETE /learn/api/public/v1/terms/{term id}
Add Course to		ePhA(I)CH /learn/api/public/v2/courses/{courseId}
Term	Starbe W.S. add Course 1010	orminate from the property of the control of the co
Get Courses in	CourseWS loadCoursesInT	TEET)/learn/api/public/v2/courses?termId={term id}
erm	Course W.D. Toaq Courses III I	wind // round april public/ v2/ courses. writing—{ writing
Remove Course	CourseWS removeCourseE	ATIGHn Dearn/api/public/v2/courses/{courseId}
rom Term	Course W.D.TellioveCoursel	maintain/youth/api/puone/v2/courses/ (courseld)
Create Course	CourseWS saveCourseCate	ePMS(I) /learn/api/public/v1/catalog/categories/{categoryType}
Category	Course W.D.saveCourseCall	
Read Course	CourseWS.getCategories()	CET
Category	0 0 0	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
Read All Course		GET /learn/api/public/v1/catalog/categories/{categoryType}
Categories	Course wo.getCategories()	ODI / rearm/api/ public/ vi/ cararog/ caregories/ {caregory rype}
Jpdate Course	CourseWS.saveCourseCate	-DATHAU
-		9 0
Category Delete Course	CourseWS.deleteCourseCa	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
	Course w 5. defere Course Ca	0 4 ()
Category Create Course	CourseWS.saveCourseCate	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
Create Course Category		
วลเเยยOLV		/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/cot

Membership

SOAP WS Call	REST Endpoint
CourseWS.getCourseCate	- 0
	$/learn/api/public/v1/catalog/categories/\{categoryType\}/\{categoryId\}/courses/(categoryType)/(categoryId)/courses/(categoryType)/(categoryId)/courses/(categoryType)/(categoryId)/(category$
	/learn/api/public/v1/courses/{courseId}/categories
CourseWS.getCourseCate	
	$/learn/api/public/v1/catalog/categories/\{categoryType\}/\{categoryId\}/courses$
CourseWS.saveCourseCat	
	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/courses
CourseWS.deleteCourseC	
	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/courses
C-mas WC asys Ong Cotogs	DOCT /1/ani/nublic/v1/satalar/satagonics/(satagonyTyma)
Course w S. saveOrgCatego	or QST /learn/api/public/v1/catalog/categories/{categoryType}
CourseWS getCategories	<u>ገለቱጥ</u>
Course w 5.get Categories	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
	/ learn/api/public/v1/caralog/caregories/ (caregory 1 y pe // (caregory 1 g)
CourseWS getCategories	() GET /learn/api/public/v1/catalog/categories/{categoryType}
Course w p.get Categornes	GET /learn/api/public/vi/caralog/caregories/ (caregory rype)
CourseWS saveOrgCatego	от₽∆ТСН
Contro M. D. Dave Co. 12 Care 20	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
	/ teatil/api/public/vi/cavalog/cavegories/ teavegory 1, poj/ teavegory 14
CourseWS.deleteOrgCate	∞ δλ€ ΩFTF;
004100 11 0141111 0 -0	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}
	/ tourn/ up// passis/ 11/ sassass/ 2005-00/ (2005-00-0/ VI -)/ (2005-00-0/ VI
CourseWS.saveOrgCatego	orPMembership()
	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/courses
CourseWS.getOrgCategor	ry (VFe Tmbership()
	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/courses
	$/learn/api/public/v1/courses/\{courseId\}/categories$
CourseWS.getOrgCategor	
	$/learn/api/public/v1/catalog/categories/\{categoryType\}/\{categoryId\}/courses$
CourseWS.saveOrgCatego	
	/learn/api/public/v1/catalog/categories/{categoryType}/{categoryId}/courses
CourseWS.deleteOrgCate	
	$/learn/api/public/v1/catalog/categories/\{categoryType\}/\{categoryId\}/courses/categoryType\}/$
O WO gazza Cantridge	/\nt / A
<u> </u>	V I
-	POST /learn/api/public/v1/usersPUT
Course w D.savesuarring	/learn/api/public/v1/users/{course id}/users/{user id}
CourseWS cetStaffInfo()	GET /learn/api/public/v1/courses/\{course id\}
Course w p. get b tall mo()	GET /learn/apr/public/v1/users/fusering
	CourseWS.saveCourseCate CourseWS.saveOrgCatego CourseWS.getCategories(CourseWS.getCategories(CourseWS.saveOrgCategories(CourseWS.saveOrgCategories(CourseWS.saveOrgCategories(CourseWS.saveOrgCategories(CourseWS.saveOrgCategories(CourseWS.saveOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getOrgCategories(CourseWS.getCartridge(Cou

Use Case	SOAP WS Call	REST Endpoint
Update StaffInfo Delete StaffInfo Set Course	· ·	PATCH /learn/api/public/v1/users/{user id} (DELETE /learn/api/public/v1/users/{user id} eNJ/nAage()
Banner Get Group Tools Read Classification	CourseWS.getAvailableGr CourseWS.getClassification	1 0 1

Course Memberships

Use Case	SOAP WS Call	REST Endpoint
Create Course Membership	PUT	
CourseMember-	/learn/api/public/v1/course	$ses/{courseId}/users/{user}$
shipWS.saveCourseMembership()	id}	
Read Course Membership	CourseMembershipWS.getC	CourseM&EiBership()
		$/learn/api/public/v1/courses/\{courseId\}/users/\{userid\}$
Read All Course Memberships	${\bf Course Membership WS. get C}$	
		/learn/api/public/v1/courses/{courseId}/users
Update Course Memberships	${\bf Course Membership WS. save}$	
-		/learn/api/public/v1/courses/{courseId}/users/{userId
Delete Course Memberships	CourseMembershipWS.dele	eteCourse MeErrship()
		/learn/api/public/v1/courses/{courseId}/users/{userId
Create Organization Membership	CourseMembershipWS.save	
-		/learn/api/public/v1/courses/{courseId}/users/{user
		$\mathrm{id}\}$
Read Organization Membership	${\bf Course Membership WS. get C}$	CourseMeEnership()
-		/learn/api/public/v1/courses/{courseId}/users/{user
		$\operatorname{id} \}$
Read All Organization	${\bf Course Membership WS. get C}$	
Memberships		/learn/api/public/v1/courses/{courseId}/users
Update Organization Memberships	${\bf Course Membership WS. save}$	
		$/learn/api/public/v1/courses/\{courseId\}/users/\{userId\}/users/(userId)/users/(us$
Delete Organization Memberships	${\bf Course Membership WS. dele}$	
		$/learn/api/public/v1/courses/\{courseId\}/users/\{userId\}/users/(userId)/users/(us$
Create Group Membership	${\bf Course Membership WS. save}$	
		$/learn/api/public/v1/courses/\{courseId\}/groups/\{groups/f$
Read Group Membership	${\bf Course Membership WS. get C}$	GroupMGHTbership()
		/learn/api/public/v1/courses/{courseId}/groups/{groups/
Read All Group Memberships	${\bf Course Membership WS. get C}$	
		/learn/api/public/v1/courses/{courseId}/groups/{groups/
Delete Group Memberships	CourseMembershipWS.dele	
		$/learn/api/public/v1/courses/\{courseId\}/groups/\{groups/f$
Get Course Roles	${\bf Course Membership WS. get C}$	CourseRGEI()/learn/api/public/v1/courseRoles

${\bf Gradebook}$

Use Case	SOAP WS Call	REST Endpoint
Create an	GradebookWS.saveA	ttem BGS T
Attempt		/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempt

Use Case	SOAP WS Call	REST Endpoint
Read an	GradebookWS.getAtte	emptate)T
Attempt		/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts
Read All	GradebookWS.getAtte	id} emr#紀
Attempts	Gladebook, 0.8001200	$/ ext{learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts}$
Update an	GradebookWS.saveAtt	temPASCCH
Attempt		/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts id}
Delete an	GradebookWS.deleteA	- 0
Attempt		/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts id} (set to 0)
Create a Column		lum RS T /learn/api/public/v2/course/{courseId}/gradebook/columns
Read a Column	$\operatorname{GradebookWS.getGrad}$	V
	1	/learn/api/public/v2/course/{courseId}/gradebook/columns/{column id}
Read All	GradebookWS.getGrad	deb&#&Collearns(a)pi/public/v2/course/{courseId}/gradebook/columns</td></tr><tr><td>Columns Update a</td><td>GradebookWS.saveCol</td><td>1DAfħ∩U</td></tr><tr><td>Column</td><td>Gradenory o payooo.</td><td>$/ learn/api/public/v2/course/\{courseId\}/gradebook/columns/\{columnid\}$</td></tr><tr><td>Delete a</td><td>GradebookWS.deleteCo</td><td>,</td></tr><tr><td>Column</td><td></td><td>$/learn/api/public/v2/course/\{courseId\}/gradebook/columns/\{columnid\}$</td></tr><tr><td>Create a Gradebook</td><td>GradebookWS.saveGra</td><td>adeBONTypes()n/api/public/v2/course/{courseId}/gradebook/columns</td></tr><tr><td>Type</td><td>C 1 1 LAVC cot Cro.</td><td>1 1 CITAGA /\</td></tr><tr><td>Read a Gradebook</td><td>GradebookWS.getGrad</td><td>$/learn/api/public/v2/course/\{courseId\}/gradebook/columns/\{columns/api/public/v2/course/api/$</td></tr><tr><td>Type Read All</td><td>GradebookWS.getGrac</td><td>id} deb&#XTybess()n/api/public/v2/course/{courseId}/gradebook/columns</td></tr><tr><td>Gradebook Types</td><td>Gradebook 1, 2,900 2.2</td><td>Telowikii ypumiji apri publici vzi course, (coursera), gradessesi, commissi</td></tr><tr><td>Update a</td><td>GradebookWS.saveGra</td><td>adeBAARCIMpes()</td></tr><tr><td>Gradebook</td><td>3.23.</td><td>/learn/api/public/v2/course/{courseId}/gradebook/columns/{column</td></tr><tr><td>Type</td><td></td><td>$\mathrm{id}\}$</td></tr><tr><td>Delete a</td><td>GradebookWS.deleteG</td><td></td></tr><tr><td>Gradebook</td><td></td><td>/learn/api/public/v2/course/{courseId}/gradebook/columns/{column</td></tr><tr><td>Type Create a Grade</td><td>GradebookWS.saveGra</td><td>id} ade₩OST</td></tr><tr><td>Create a Grade</td><td>Gradenonka nosaveora</td><td>ades(y)51 /learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts</td></tr><tr><td>Read a Grade</td><td>GradebookWS.getGrad</td><td></td></tr><tr><td></td><td></td><td>/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts id}</td></tr><tr><td>Read All</td><td>GradebookWS.getGrad</td><td></td></tr><tr><td>Grades</td><td>_</td><td>$/learn/api/public/v2/course/\{courseId\}/gradebook/columns/\{columnid\}/attempts/gradebook/columns/finestermed and finestermed a$</td></tr><tr><td>Update a</td><td>GradebookWS.saveGra</td><td>V</td></tr><tr><td>Grade</td><td></td><td>/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attempts id}</td></tr><tr><td>Delete a Grade</td><td>GradebookWS.deleteG</td><td>V</td></tr><tr><td></td><td></td><td>/learn/api/public/v2/course/{courseId}/gradebook/columns/{columnid}/attemptedd} (set to 0)</td></tr><tr><td></td><td></td><td></td></tr></tbody></table>

Use Case	SOAP WS Call	REST Endpoint	
Create a	GradebookWS.saveGradingShernkes(n)/api/public/v1/courses/{course id]/gradebook/schemas		
Grading			
Schema			
Read a Grading	GradebookWS.getGrad	in gSE He ylas (n)/api/public/v1/courses/{course	
Schema		id]/gradebook/schemas/{schema id}	
Read All	GradebookWS.getGradi	ing SEHenhan(n)/api/public/v1/courses/{course id]/gradebook/schemas	
Grading			
Schemas			
Update a	GradebookWS.saveGrad	di rgsEt@h asearn/api/public/v1/courses/{course	
Grading		id]/gradebook/schemas/{schema id}	
Schema			
Delete a	GradebookWS.deleteGr	ad DFgSEffer nasearn/api/public/v1/courses/{course	
Grading		id]/gradebook/schemas/{schema id}	
Schema			

Users

Use Case	SOAP WS Call	REST Endpoint
Create a User	UserWS.saveUser()	POST /learn/api/public/v1/users
Read a User	UserWS.getUser()	GET /learn/api/public/v1/users/{userId}
Read All Users	UserWS.getUser()	GET /learn/api/public/v1/users
Update a User	UserWS.saveUser()	PATCH /learn/api/public/v1/users/{userId}
Delete a User	UserWS.deleteUser()	DELETE /learn/api/public/v1/users/{userId}
Update a User's BatchUid	UserWS.changeUserBa	talandi / learn/api/public/v1/users/{userId}
Update a User's	UserWS.changeUserDa	.t #Sonce ddeldearn/api/public/v1/users/{userId}
DataSource ID		
Delete User by Role	UserWS.deleteUserByI	n&t/tAutionRole()
Create a User's Address	UserWS.saveAddressbo	od ROS Fry/Dearn/api/public/v1/users
Book Entry		
Read a User's Address	UserWS.getAddressboo	ok#####y/learn/api/public/v1/users/{userId}
Book Entry		
Read All a User's Address	UserWS.getAddressboo	oktimity/dearn/api/public/v1/users
Book Entries		
Update a User's Address	UserWS.saveAddressB	bookE6Hy/(learn/api/public/v1/users/{userId}
Book Entry		
Delete a User's Address	UserWS.deleteAddress	$BDELETIF$ () $learn/api/public/v1/users/{userId}$
Book Entry		
Read All Institution Roles		R6Est)/learn/api/public/v1/institutionRoles
Read All System Roles		esGET /learn/api/public/v1/systemRoles
Read All Institution Roles	UserWS.getUserInstitu	at GERo/dearn/api/public/v1/users/{userId}
Assigned to a User		
Create Observer	UserWS.saveObserverA	
Association		/learn/api/public/v1/users/{userId}/observers/{observerId}
Read Observer	UserWS.getObservee()	$GET / learn/api/public/v1/users/\{userId\}/observeesGET$
Association		/learn/api/public/v1/users/{userId}/observers
Read All Observer	UserWS.getObservee()	$GET / learn/api/public/v1/users/\{userId\}/observeesGET$
Association		/learn/api/public/v1/users/{userId}/observers
Update Observer	UserWS.saveObserverA	
Association		/learn/api/public/v1/users/{userId}/observers/{observerId}
Delete Observer	UserWS.deleteOverserv	· · · · · · · · · · · · · · · · · · ·
Association		/learn/api/public/v1/users/{userId}/observers/{observerId}

\mathbf{Util}

Use Case	SOAP WS Call	REST Endpoint
Read All Datasources	UtilWS.getDataSources()	GET
	-	/learn/api/public/v1/dataSources
Get Required Entitlements By	UtilWS.getRequiredEntitlements()	N/A
Method		
Check a User's Entitlements	UtilWS.checkEntitlement()	N/A
Create a Setting	UtilWS.saveSetting()	N/A
Load a Setting	UtilWS.loadSetting()	N/A
Update a Setting	UtilWS.saveSetting()	N/A
Delete a Setting	UtilWS.deleteSetting()	N/A