Dynamic Rendering with Template Variables

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Using template variables you can create URLs to integrate with other systems by including information about the user's context.

Template variables are represented by a series of values given the special syntax: @X@object.attribute@X@. These variables are expanded when rendered into their corresponding values. Within the UI, they can be used in portal modules and within the body of content items in courses.

Note that not all of these variables will resolve on all pages. For example, if the page is not inside a course, there will be no course-related variables available.

Using context variables

Context item	Context variable	Example output
—	—	—
User external person key	@X@user.batch_uid@X@	123-45-6789
User username (user id)	@X@user.id@X@	jsmith
User student_id (student id)	@X@user.student_id@X@	jsmith
User full name	@X@user.full_name@X@	John Smith
User primary key identifier	@X@user.pk_string@X@	_521_1
User locale	@X@user.locale@X@	en_GB
User system role(s)	@X@user.role@X@	System Roles:_ C- Course Administrator_ U- Guest_ N- None_ O- Observer_ Y- Community Administrator_ R- Support_ Z- System Admin_ H- System Support* A- User Administrator
User primary institution role	@X@user.institution_role@X@@X@user.primary_institution_role@X@	student
User secondary institution role(s)	@X@user.secondary_institution_role@X@	student,faculty
User company (as of 3900.34)	@X@user.company@X@	Anthology
User institution email (as of 3900.34)	@X@user.email.institution_email@X@	john.smith@anthology.com
User other name (as of 3900.34)	@X@user.name.other@X@	Johnie
User title (as of 3900.34)	@X@user.name.title@X@	Dr.
User mobile phone (as of 3900.34)	@X@user.mobile_phone@X@	0-123-456-7890
User website (as of 3900.34)	@X@user.website@X@	https://smithjohn.anthology.com
Course membership role	@X@membership.role@X@	Course/Organization Roles:_ B- Course Builder/Organization Builder_ G- Grader/Grader_ U- Guest/Guest_ P- Instructor/Leader_ S- Student/Participant_ T- Teacher's Assistant/Assistant
Course external course key	@X@course.batch_uid@X@	ABC123ABC
Course course id	@X@course.id@X@	BIO101
Course name	@X@course.course_name@X@	Introduction to Concepts in Biology
Course primary key identifier	@X@course.pk_string@X@	_12344_1
Course URL	@X@course.url@X@	/courses/1/BIO101/
Course membership role	@X@course.role@X@	student
Course locale (As of 3900.32)	@X@course.locale@X@	en_US
Institution hierarchy nodes (As of 3900.32 *use with caution. The output can be a long list that might affect an LTI launch.*)	@X@course.ih_nodes@X@	db75df7b-04e8-4d3c-b7f9-7f1371a3f325,fb11e84b-ff7f-44ab-bf77-89299b053232
Institution primary node (As of 3900.32)	@X@course.ih_primary_node@X@	fb11e84b-ff7f-44ab-bf77-89299b053232
Is it an Ultra course? (As of 3900.32)	@X@course.ultra_status@X@	false
Content primary key identifier	@X@content.id@X@@X@content.pk_string@X@	_23_1
Content URL	@X@content.url@X@	/courses/1/BOB101/content/_221_1
Request UUID	@X@request.id@X@	
Request locale	@X@request.locale@X@	
Request return URL	@X@request.return@X@	
System host name	@X@system.site_id@X@	