

Torus Product Roadmap

Snapshot as of 06 December, 2024

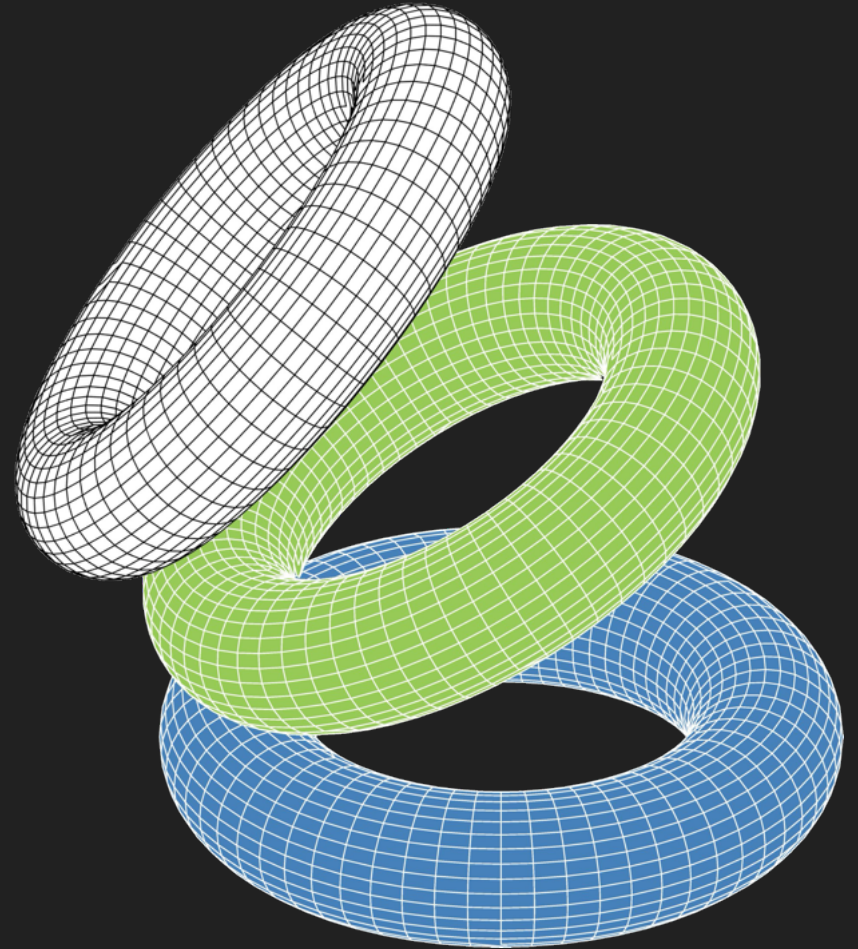


Open Learning Initiative

Transforming higher education through the science of learning.

Product Vision

Transforming higher education
through the science of learning



Torus Roadmap

Torus v30

Release: March 2025

Authoring Analytics
Improvements

User Preview Improvements

Certificate Capabilities

Product / Organization
Improvements

AI Trigger Points

Torus v31*

Release: June 2025

General UX Improvements:
Admin Interface

LTI Activities

Scheduling Improvements

Mobile Responsiveness

Score-as-you-go

Torus v32

Release: September 2025

General UX Improvements:
Author Interface

Advanced Pages
Improvements

Usage Analytics

Placeholder: Item moved
from v31

Torus v33

Release: December 2025

General UX Improvements:
Student Interface

Student Reporting and
Visualizations

Mobile Responsiveness Pt. 2

Instructor Analytics

Changes Since Last Roadmap Snapshot

- Torus v29 removed and Torus v33 added
- AI Trigger Points added to Torus v30
- Score-as-you-go added to Torus v31. The * for Torus v31 is because there are currently too many items scheduled for Torus v31 and we will not be able to complete all of them. One of them will need to be pushed to Torus v32 but that decision has not yet been made. Note that Torus v32 contains a placeholder for whichever item is moved
- General UX improvements for the student interface as well as student analytics moved from Torus v32 to Torus v33. These are major changes to the student interface, which we avoid doing mid-semester.
- General UX improvements for the author interface moved from Torus v33 (previously not on roadmap) to Torus v32 to make room for student improvements in v33.
- Code freeze dates added for each release
- Updates on all release detail pages



Possible statuses:

- Not started
- Research
- Design
- Ready for implementation
- Implementation

Torus v30 Features

Release: March 2025

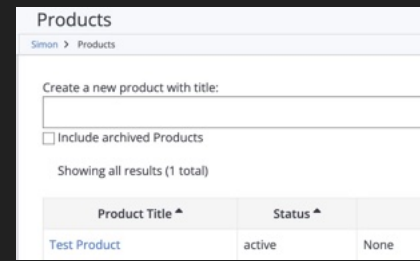
Code Freeze: March 3, 2025

Product / Organization Improvements

Status: Implementation

Interface: Author

The feature that allows authors to remix parts of courses, or tailor different versions of a course for different venues or audiences, is known as “Products” in Torus and was known as “Organizations” in the OLI Legacy System. This feature will be redesigned to improve the user experience and enhanced to include in-demand capabilities.

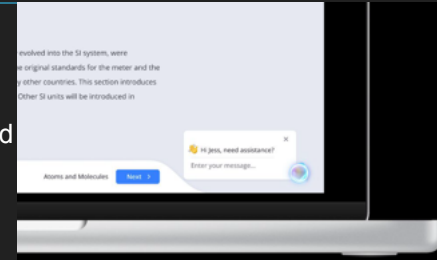


AI Trigger Points

Status: Implementation

Interface: Author

A Torus author is able to introduce an AI Trigger point in an activity, page, or group element. When a student reaches the Trigger Point, the DOT AI assistant is activated and will interact with the student based on the author’s prompt settings.

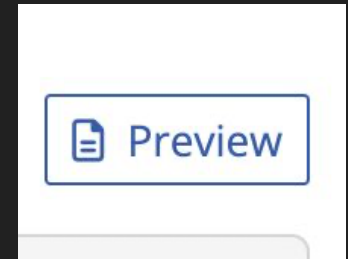


User Preview Improvements

Status: Implementation

Interface: Multiple

The capability to preview pages of a course as though logged in as a different type of user is key for course design, customer support, troubleshooting, and more. This feature will be overhauled to improve consistency and usability in every place that it appears in Torus.



Certificate Capabilities

Status: Implementation

Interface: Student / Author

Authors will be able to set achievement goals that will result in students receiving a certificate, delivered and tracked by Torus.

Authoring Analytics Improvements

Status: Implementation

Interface: Author

We will implement a basic data warehousing solution that will allow more efficient data reporting and export in the authoring interface.

Possible statuses:

- Not started
- Research
- Design
- Ready for implementation
- Implementation

Torus v31 Features*

Release: June 2025

Code Freeze: May 26, 2025

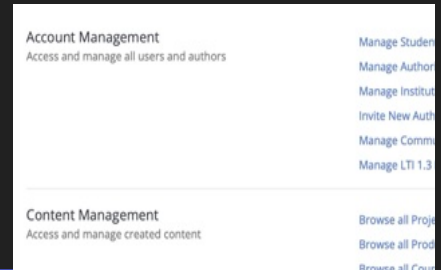
*Note that there are currently too many items scheduled for Torus v31 and we will not be able to implement all of them. We will need to bump one to v32 but that decision has not yet been made. Look for updates in next month's snapshot.

General UX Improvements: Admin Interface

Status: Design

Interface: Author

Our Torus administrators work diligently to support all Torus users, but features to make their lives easier often fall off the radar because there are many fewer of this type of user than other user types. It's time to give our admins some love! Our UX Designers will take a holistic view of what improvements will be most helpful to our admins as they help you.

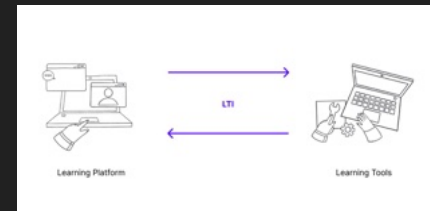


Integrate LTI Activities

Status: Design

Interface: Author

The LTI (Learning Tools Interoperability) standard allows educational technologies to interact with each other. Torus already supports integration with any Learning Management System that supports LTI, such as Canvas and Blackboard, allowing Torus to “talk” with the other system. This feature will allow authors to place LTI-compliant activities directly onto Torus pages, instantly giving authors access to thousands of activities from third parties such as Pearson or McGraw-Hill as well as the ability to design custom activities.



Scheduling and Gating

Status: Design

Interface: Student / Instructor

Improve the usability and robustness of course section scheduling in Torus. This includes hard (enforced) schedules and soft (recommended) schedules, pacing, assessment settings, gating, student exceptions, and other features that allow instructors to control or guide student access to course content.



Mobile Responsiveness

Status: Ready for implementation

Interface: Student

A mobile responsive version of the new NG student interface. This is too big to be completed in a single release so a Part 2 will come later.

Score-as-you-go

Status: Research

Interface: Author / Student

For score-as-you-go assessments, students will be scored based on each action taken on the page rather than upon submitting at the end.

Possible statuses:

- Not started
- Research
- Design
- Ready for implementation
- Implementation
- Final testing and prep

Torus v32 Features

Release: September, 2025

Code Freeze: August 18, 2025

General UX Improvements: Author Interface

Status: Not started

Interface: Author

Our UX Designers will take a holistic look at how students interact with Torus at present and want to interact with Torus in the future. Tickets previously submitted through the (now outdated) GitHub process or the (current) Torus Triage process will be considered, though fresh user experience research will be the primary guide of what is implemented in this release.

Usage Analytics

Status: Not started

Interface: None

Usage analytics enhance the quantitative data available to Torus's design and implementation teams about how users interact with torus.

Advanced Pages Improvements

Status: Research

Interface: Author

The scope of research for this feature set will include both requests from current authors of advanced pages and a design effort to reduce the barrier of entry for advanced pages by increasing usability

Placeholder: Item Moved from v31

Status: TBD

Interface: TBD

There are currently too many items roadmapped for Torus v31 than what we can actually implement so something will need to be bumped to Torus v32, but that decision has not yet been made as of the writing of this document. Look out for an update next month.

Possible statuses:

- Not started
- Research
- Design
- Ready for implementation
- Implementation

Torus v33 Features

Release: December, 2025

Code Freeze: November 10, 2025

General UX Improvements: Student Interface

Status: Not started

Interface: Student

Our UX Designers will take a holistic look at how students interact with Torus at present and want to interact with Torus in the future. Tickets previously submitted through the (now outdated) GitHub process or the (current) Torus Triage process will be considered, though fresh user experience research will be the primary guide of what is implemented in this release.

Student Reporting and Visualizations

Status: Not started

Interface: Student

We will look at how students receive information about their current state in a course section, including how they can understand that state in terms of learning proficiency, metacognition, effort, completeness, and scoring. Improvements will focus on directing students on how and where they can learn and improve.

Mobile Responsiveness Part 2

Status: Not started

Interface: Student

A continuation of the student mobile responsive interface started in an earlier release.

Instructor Analytics

Status: Not started

Interface: Instructor

Improvements to reporting and visualizations available in the instructor interface.

Demos and Documentation for Previous Versions

Torus Version	Blog Post	Demo Video	Release Notes
v27	https://oli.cmu.edu/torus-v-27-brings-many-new-authoring-updates/	https://www.youtube.com/watch?v=CMilhLFifjc&t=549s	https://github.com/Simon-Initiative/oli-torus/releases/tag/v0.27.0
v28	https://oli.cmu.edu/torus-v28/	https://youtu.be/u7MOcBJXRZo?si=unAGpnBzFFA2lix	https://github.com/Simon-Initiative/oli-torus/releases/tag/v0.28.0
v29	Coming soon!	Coming soon!	Coming soon!

Older versions: See posts on the Torus pages of the OLI web site: <https://oli.cmu.edu/torus/>

Do you have questions about the Torus
roadmap? Do you want to discuss it in more
detail?

Contact Amanda Buddemeyer at [amandab](mailto:amandab@andrew.cmu.edu) at
andrew.cmu.edu

