

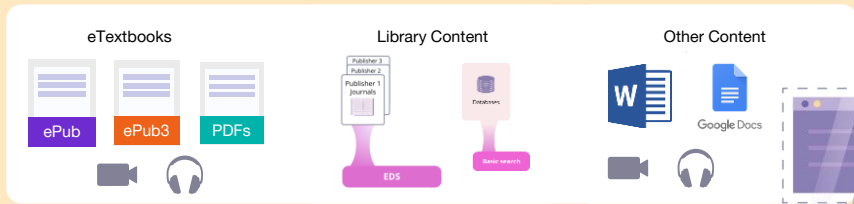
Kortext

We believe that reading,
is only the start of learning

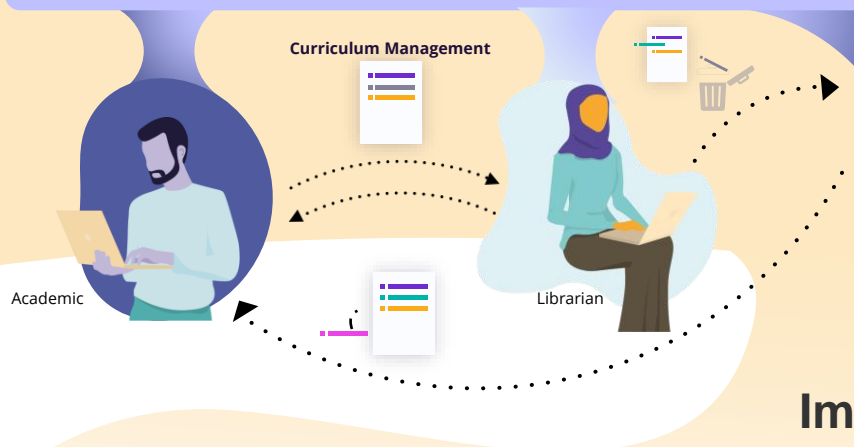
David Langridge davidl@kortext.com
Global Alliances and Market Development Director

Kortext introduction

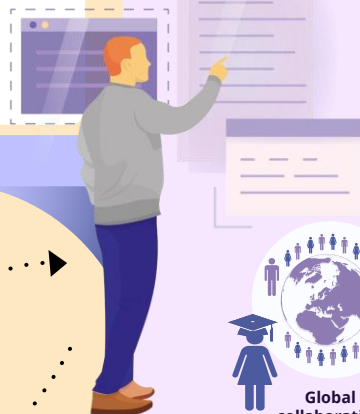
- The UK's leading eTextbook and learning platform
- 1m eTextbooks from over 3,500 publishers aggregated into one platform including Pearson, McGrawHill, Cengage, Wiley, OUP, CUP, Sage and all other leading global academic publishers.
- Used by most leading universities across the UK and hundreds more around the world supporting millions of students in over 80 countries. Examples: [Anglia Ruskin University](#), [Middlesex University](#), [University of Manchester](#), working on a big project with Slovenia.
- Selected as the supplier of content and learning solutions to the NHS, UK <https://www.kortext.com/news/kortext-selected-to-provide-ebooks-for-library-and-knowledge-services-across-the-nhs-in-england/>
- Advanced capability for academics to drive student engagement and measure the impact - Supporting student retention / progression and Outcomes
- Kortext is a Microsoft IP Co-Sell Partner



Discover



Personal Digital Library



Global collaboration

Feedback



Assessment



Writing tools



Learn



Improve

Prescriptive analytics

Learner engagement - gets meaningful info about Learners' progress and improvement paths



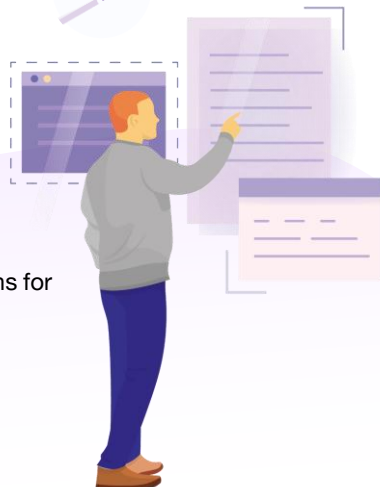
Efficiency for libraries

Get meaningful information about Learner interaction with expensive core course resources



Content suggestions for Learners

Learner engagement - get meaningful info about alternative learning paths



Significant UK market adoption



THE UNIVERSITY
of EDINBURGH



Kortext

Government & International

Government &
Consortia



Jisc

Justice

NHS

RoW



UAEU



UBT
جامعة الأعمال والتكنولوجيا
UNIVERSITY OF BUSINESS AND TECHNOLOGY



SuSS
SINGAPORE UNIVERSITY
OF SOCIAL SCIENCES



ext

The Kortext Content & Learning Platform

- over **1m key digital eBooks and eTextbooks** from over 3,500 publishers
- **easy discovery**, navigation and access to content
- usually **delivered through the LMS/VLE** (Blackboard, Canvas, Moodle, D2L Sakai) or through a Library model – Just released a Teams implementation
- a **unified content experience** for multiple courses **across all content and LMS/VLEs**
- **access to learning tools** that aid reading, teaching and learning
- **analytics** to better support user engagement, outcomes, quality and value

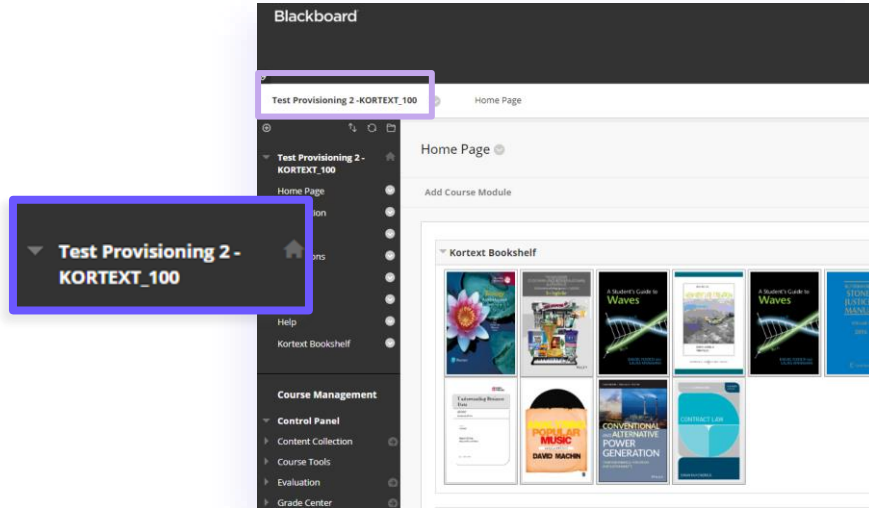
Helping our learners achieve more

Kortext

LMS/VLE integration - Blackboard, Canvas, Moodle, D2L, Sakai, others....and now Teams

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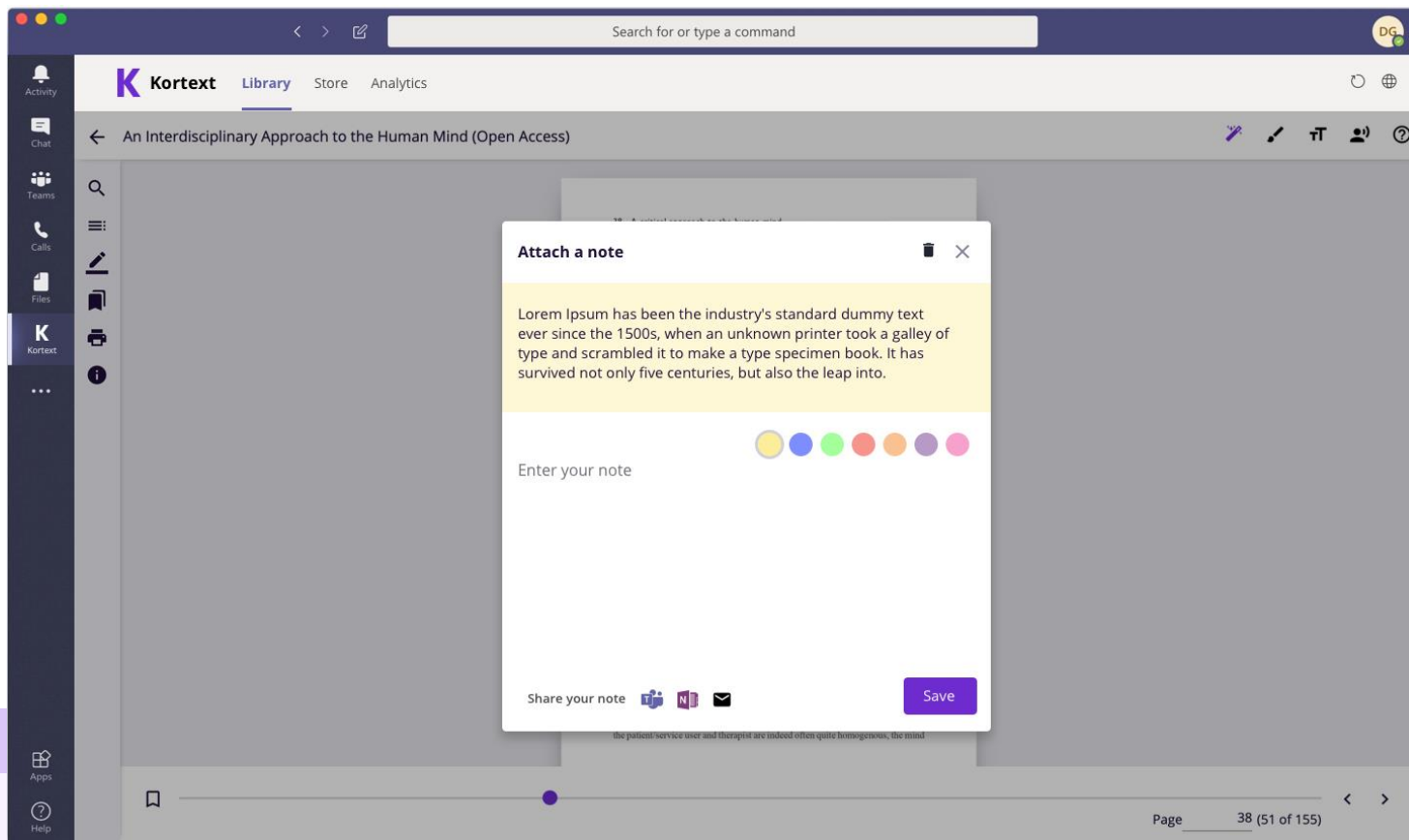
Locate the Kortex Bookshelf in your LMS/VLE and click on a book



Accept the terms and conditions and begin to study!

Kortex

'Attach a note' + share to a Team, OneNote or Email



Immersive reader integrated with Kortext

Activity

Chat

Teams

Calls

Files

Kortext

...

Apps

Help

Kortext

Library

Dashboard

Analytics

Planner

Search for or type a command

DG

College Physics by Urone, Paul Peter/Hinrichs, Roger

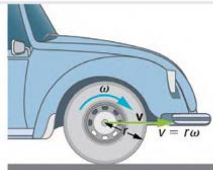


Figure 6.5 A car moving at a velocity v to the right has a tire rotating with an angular velocity ω . The speed of the tread of the tire relative to the axle is v , the same as if the car were jacked up. Thus the car moves forward at linear velocity $v = r\omega$, where r is the tire radius. A larger angular velocity for the tire means a greater velocity for the car.

Example 6.1 How Fast Does a Car Tire Spin?

Calculate the angular velocity of a 0.300 m radius car tire when the car travels at 15.0 m/s (about 54 km/h). See Figure 6.5.

Strategy

Because the linear speed of the tire rim is the same as the speed of the car, we have $v = 15.0$ m/s. The radius of the tire is given to be $r = 0.300$ m. Knowing v and r , we can use the second relationship in $v = r\omega$, $\omega = \frac{v}{r}$ to calculate the angular velocity.

Solution

To calculate the angular velocity, we will use the following relationship:

$$\omega = \frac{v}{r} \quad (6.10)$$

Substituting the knowns,

$$\omega = \frac{15.0 \text{ m/s}}{0.300 \text{ m}} = 50.0 \text{ rad/s} \quad (6.11)$$

Discussion

When we cancel units in the above calculation, we get 50.0/s. But the angular velocity must have units of rad/s. (Because radians are actually unitless (radians are defined as a ratio of distance), we can simply insert them into the answer for the angular velocity. Also note that if an earth mover with much larger tires, say 1.20 m in radius, were moving at the same speed of 15.0 m/s, its tires would rotate more slowly. They would have an angular velocity

$$\omega = (15.0 \text{ m/s}) / (1.20 \text{ m}) = 12.5 \text{ rad/s} \quad (6.12)$$

Both ω and v have directions (hence they are angular and linear velocities, respectively). Angular velocity has only two directions with respect to the axis of rotation—it is either clockwise or counterclockwise. Linear velocity is tangent to the path, as illustrated in Figure 6.6.

Take-Home Experiment

Tie an object to the end of a string and swing it around in a horizontal circle above your head (swing at your wrist). Maintain uniform speed as the object swings and measure the angular velocity of the motion. What is the approximate speed of the object? Identify a point close to your hand and take appropriate measurements to calculate the linear speed at this point. Identify other circular motions and measure their angular velocities.

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Figure 6.5 A car moving at a velocity is v to the right has a tire rotating with an angular velocity $\omega = r\omega$, where v , the same as if the car were jacked up. Thus the car moves forward at linear velocity velocity for the tire means a greater velocity for the car. Example 6.1 How Fast Does a Car Tire Spin? ω . The speed of the tread of the tire relative to the axle r is the tire radius. A larger angular Calculate the angular velocity of a 0.300 m radius car tire when the car travels at 6.5. Strategy 15.0 m/s (about Because the linear speed of the tire rim is the same as the speed of the car, we have is given to be 54 km/h). See Figure $v = 15.0$ m/s. The radius of the tire $r = 0.300$ m. Knowing angular velocity. Solution v and r , we can use the second relationship in To calculate the angular velocity, we will use the following relationship: $\omega = v/r$. Substituting the knowns, Discussion $\omega = 15.0 \text{ m/s} / 0.300 \text{ m} = 50.0 \text{ rad/s}$. $v = r\omega$, $\omega = v/r$ to calculate the (6.10) (6.11) When we cancel units in the above calculation, we get 50.0/s. But the angular velocity must have units of rad/s. Because radians are actually unitless (radians are defined as a

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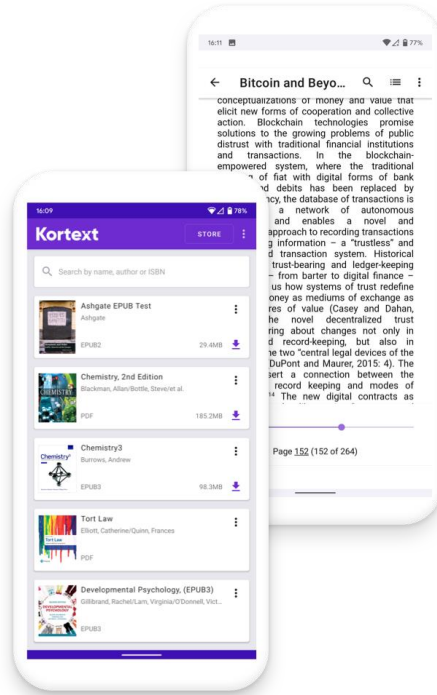
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Kortext Apps

Every book provided is available offline and online
www.kortext.com

Apps available for the following operating system

- Windows 10
- iOS
- Android
- Mac



- The **ONLY** apps that uniquely aligns with all key library systems (Dawsonera, ProQuest eBook Central and EBSCO Host)
- Enable all library content to be used in the students Kortext account - Simple, unified content access and use
- Also compatible with CLA course packs and T&F platform content

Kortext

Collections

Collections

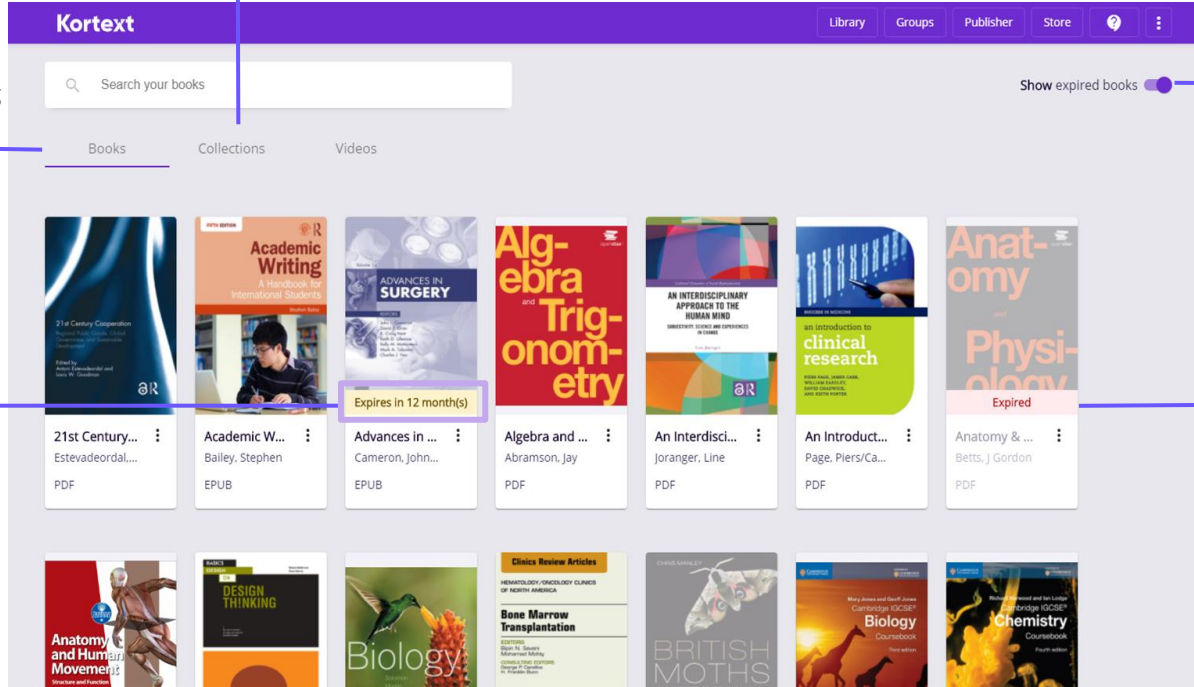
This gives the student access to the Library Collection that has been made available to the University. The student can search through the Collection to check out a book

Books

This is the students Personal Bookshelf showing the titles that they have purchased or have been purchased for them. It will also show any books they have checked out of the 'Collections' tab, from the University library

Expiry

Books are clearly labelled with the expiry period. The books will expire both online and in the offline environment if downloaded



Expired books

Toggle allows student to view any expired books. Expired books are greyed out on the bookshelf and labelled as 'Expired'. If the User checks out the book again from the Collection then the book will be a solid colour again and the student will be able view all previous notes and interactions they have done in the book previously

Kortex

The Kortext library as an embedded application

The screenshot displays the Kortext library interface, which is designed as an embedded application. The interface features a dark purple header bar with navigation icons (Activity, Chat, Teams, Calls, Files) and a search bar. Below the header, the main content area shows a grid of book covers. The books are organized into two rows. The first row includes titles such as 'Psychology' by Bordwell, Davidso..., 'Law for soci...' by James, Smith, 'Learning le...' by Brittany, 'Business eth...' by Kirasawa, 'An interdisc...' by Bordwell, Davidso..., and 'Law for busi...' by Joe, Guerrero. The second row includes 'Basic statis...' by Marc Brylaert, 'Cone penetr...' by Cone Penetration Testing 2018, and 'A study of th...'. Each book cover is accompanied by its title, author, and format (EPUB or PDF). The interface is clean and modern, with a focus on easy navigation and discovery of digital resources.

Kortext Library Store Analytics

Search for or type a command

Search for anything

Psychology
Bordwell, Davidso...
EPUB

Law for soci...
James, Smith
PDF

Learning le...
Brittany
EPUB

Business eth...
Kirasawa
PDF

An interdisc...
Bordwell, Davidso...
PDF

Law for busi...
Joe, Guerrero
EPUB

Basic statis...
Marc Brylaert
EPUB

Cone penetr...
Cone Penetration Testing 2018
PDF

A study of th...
A study of the history of the world
EPUB

Kortext

Kortext Analytics Overview

Data to drive decisions - student retention and enhanced outcomes

Activity

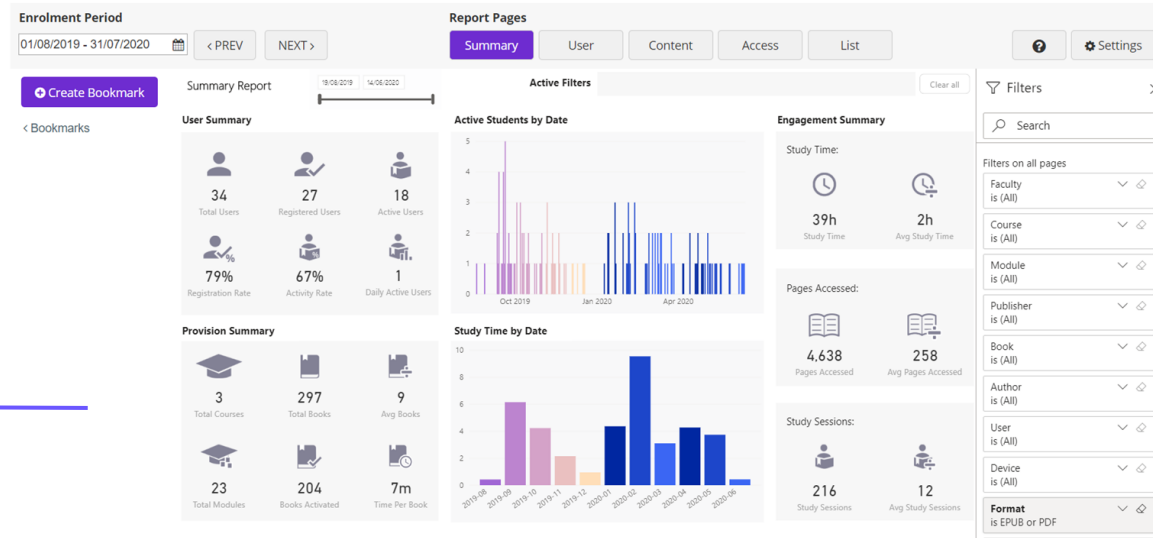
Active students and study time by date

Engagement Summary

Study time, pages accessed, Study sessions

Overview

No. students, registered, active, courses, modules, etc. Total books, modules and courses



Filters

Filter by faculty, course, module, author, etc.

Kortext

Simple Steps to Start Your Programme

- Agree the model and spend per student that the university wishes to commit
- Kortext will prepare a comprehensive programme proposal covering -
 - Reading list content availability
 - Access methodology
 - Pricing
 - ROI goals
 - Analytic metrics and programme KPIs
- University reviews the plan, agrees to proceed and the programme milestones are set
- A Kortext / University working group collaborate on the preparation, launch activities and ongoing support of the programme to achieve targeted KPIs and ROI

Thank you

Questions?

If you need to connect with
Kortext or need further
information contact

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