

Write  
Collaborate  
Educate



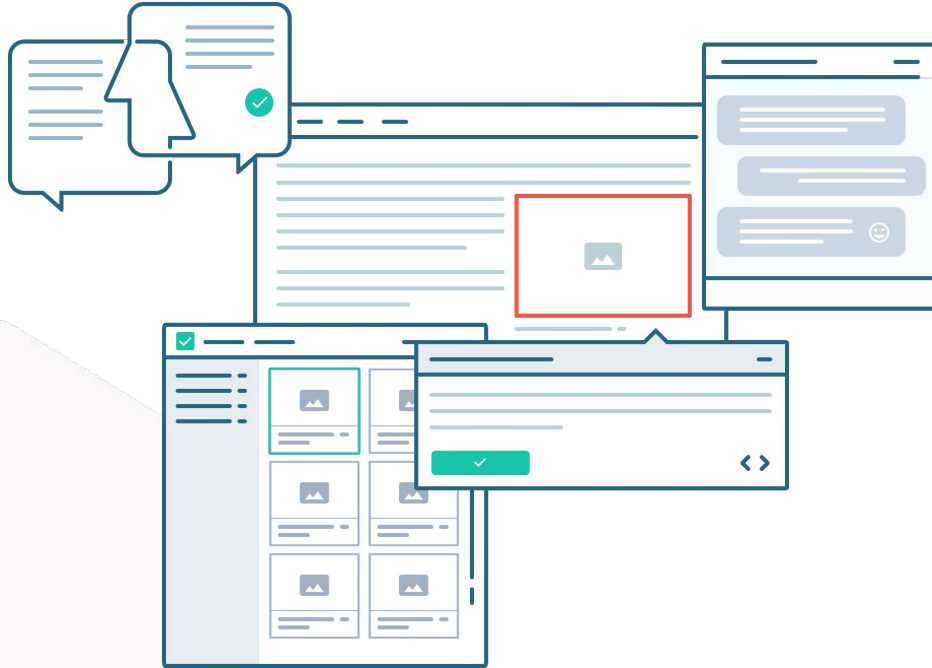


Improve the writing experience in your application with the next generation of rich text editors. Encourage the users to stay within your software by allowing them to collaborate.

## **CKEditor Ecosystem**

Provides easy to implement online writing components: rich text editors with real-time collaboration and file managers with image upload and editing features.

# Embed smart content creation components in your education software



- Learning Content Management Systems
- Student-teacher collaboration
- Author-publisher collaboration
- Distance learning
- Cloud-based learning
- Digital learning
- Virtual classroom
- Documentation management
- Idea management
- Knowledge management
- Intelligent textbooks
- Student assessment

# CKEditor Ecosystem in a nutshell



## Rich text editors

Easy to implement online writing tools. The powerful and fully customizable structure of CKEditor will provide any rich-text editing solution imaginable for any web application. Join millions of approving global users and discover the vast number of editing features.

## File managers

Flexible and secure image upload and file management tools for adding responsive images, videos or PDF files to your content. A built-in image editor is included, too! Store and manage your files and folders anywhere you want, be it your local server, database or cloud.


## Collaboration


Features such as comments, track changes and synchronous document editing by multiple users make your content creation process much more efficient — and it can all happen directly in your application!



## What Are Probiotics?

(such as yogurt), dietary supplements, and products that aren't used orally, such as skin creams.

 New Subfolder

 Avery Fernandez Today 21:36  
Why? It looks good to me :)

**Extra Credit: Proof of the Cauchy-Schwarz Inequality**  
Due at the beginning of class on Wednesday, May 15, 2019

quality)

$$|\vec{x} \cdot \vec{y}| \leq \|\vec{x}\| \|\vec{y}\|$$

or, then  $\vec{x} \bullet \vec{y} = 0$  and  $\|\vec{x}\| \|\vec{y}\| = 0$ . In this case the theorem

vector. We will establish the truth of an inequality equivalent

$$\|\vec{x}\| \|\vec{y}\| \leq \vec{x} \cdot \vec{y} \leq \|\vec{x}\| \|\vec{y}\|$$

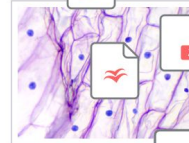
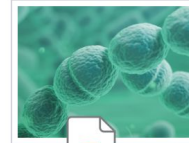
sides of inequality (2) separately.

 New Subfolder

Filter

microscopic\_07354 ▼

microscopic\_07353

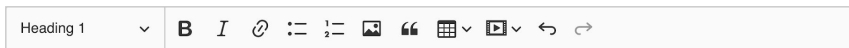


# CKEditor overview

## A powerful and user-friendly rich text editor that runs in every browser

With CKEditor, publishers, authors, teachers, students and school staff can create content online in your application. The editor works flawlessly on any device, be it a laptop, tablet or smartphone, too.

After you integrate it with your software, your users will not need to switch to any other application in order to use advanced text formatting and styling features or insert images, videos and tweets.



### The three greatest things you learn from traveling

Assignment by Thao Nguyen

Like all the great things on earth traveling teaches us by example. Here are some of the most lessons I've learned over the years of traveling.

#### Appreciation of diversity

Getting used to an entirely different culture can be challenging. While it's also nice to learn about cultures online or from books, nothing comes close to experiencing cultural diversity in person.

You learn to appreciate each and every single one of the differences while you become more culturally fluid.



Leaving your comfort zone might lead you to beautiful sceneries like this one.

*The real voyage of discovery consists not in seeking new landscapes, but having new eyes.*

**Marcel Proust**

#### Improvisation

Life doesn't allow us to execute every single plan perfectly. This especially seems to be the case when you travel. You plan it down to every minute with a big checklist; but when it comes to executing something always comes up and you're left with your improvising skills. You learn to adapt to the situation. Here's how my travel checklist looks now:

- buy the ticket
- start your adventure

# CKEditor overview

## Interoperability

CKEditor understands content pasted from third-party applications such as Microsoft Word and Excel or Google Docs. With a little bit of work, you can export content to .docx or .pdf documents, too.

## Versatility

CKEditor can fit a wide range of purposes. It can be configured to provide a toolbar with a large number of features, making it in some sense similar to Microsoft Word. It can also provide a simple toolbar with a limited set of features, for example to write short messages such as comments, emails or reviews.

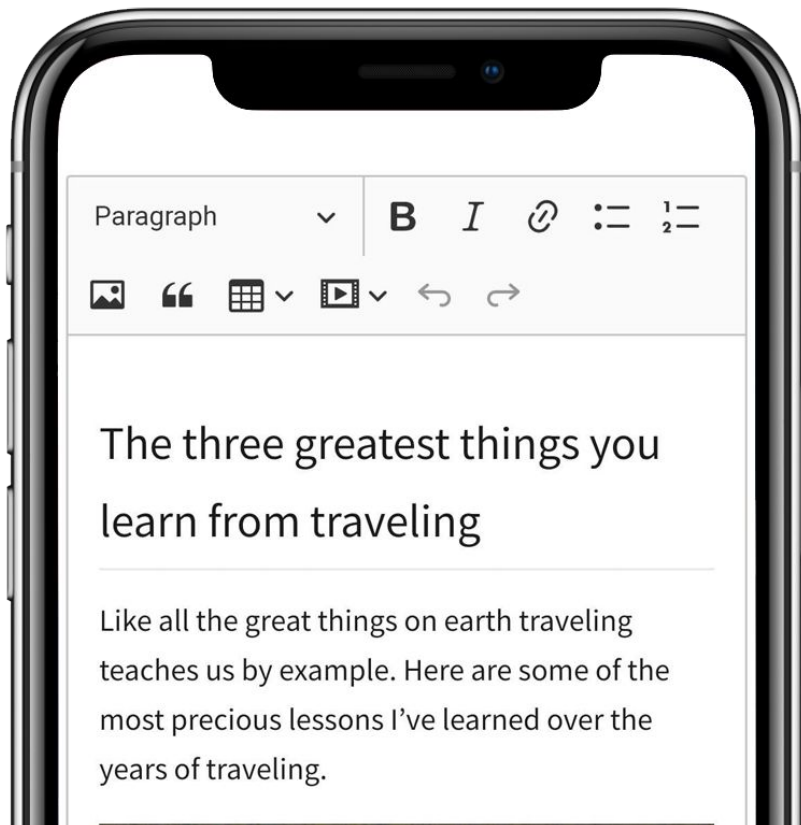
## User friendliness

CKEditor contains several productivity enhancements such as auto-formatting and brilliant keyboard support. It is also fully accessible, so it can be used by people with various disabilities.

## Customizability

CKEditor can be enhanced with your own plugins and adjusted to your application design and workflow. Extensive guides, complete API documentation and superb technical support make it really simple to add new features.

# CKEditor overview



## Mobile friendliness

CKEditor not only works on a wide range of devices, in desktop and mobile browsers, but it can also be used as a rich text editor in mobile applications. This makes it a perfect choice for applications running on tablets.



# Collaboration features

Increase productivity with inline comments, track changes and real-time editing.

The screenshot displays a collaborative document editor interface. At the top, a 'Configurable, real-time users presence list' shows five user avatars. Below this is a rich text editor toolbar with options for Paragraph, text color, font size, bold, italic, underline, link, unlink, bulleted list, numbered list, indent, outdent, quote, insert image, insert table, insert video, undo, redo, and chat. The main document content includes a salutation 'Dear [[Title]] [[Lastname]].', a congratulatory paragraph with a yellow highlight, and a paragraph where 'Phoebe Gonzalez' is highlighted in red. A table titled 'Important deadlines' is present, with the first row containing dates and the second row containing tasks. A callout points to the table's first row, stating 'Current caret positions and text selection visible in real time'. To the right, a chat sidebar shows three messages from Phoebe Gonzalez, Cindy Hudson, and Phoebe Gonzalez, with a callout stating 'Real-time collaborative editing and inline comments'.

Configurable, real-time users presence list

Real-time collaborative editing and inline comments

Current caret positions and text selection visible in real time

Dear [[Title]] [[Lastname]].

Congratulations! We are pleased to inform you that you have been admitted to the Master's program in Biology for the 2019-2020 academic year beginning in September 2019.

The strong academic performance you presented in your application and extraordinary personal strengths convinced Phoebe Gonzalez we the potential to make important contributions during your university years. Please take a look at the schedule below for the incoming important deadlines and milestones.

Important deadlines					
25/07/2019	09/08/2019	15/08/2019	17/08/2019	10/09/2019	--/--/--
		Official admission documents submission	Biology departmental grant application	Tuition payment	Classes registration

- While you have until July 25 to respond and register, it would be helpful to hear from you as soon as you made your decision.
- As you are no doubt aware, we have two biology research grants. You will be able to learn more about the program by accessing the students' dashboard and subscribing to our electronic discussion list.
- Your faculty advisor is Dr. Jenna Fisher. We encourage you to contact Jenna within the

Phoebe Gonzalez Today 08:44  
I think we should add another opening paragraph with more information about the school.

Cindy Hudson Today 08:50  
I will confirm the deadline date tomorrow.

Cindy Hudson Today 08:55  
There is actually a third new one incoming this year, will add it to the list probably next week.

Phoebe Gonzalez Today 08:53  
We need to link this.

# Collaboration features

## Offline Collaboration

- ✓ Inline comments
- ✓ Track changes

## Real-time Collaboration

- ✓ Real-time co-authoring and editing
- ✓ Real-time collaborative comments
- ✓ Real-time user presence list
- ✓ Real-time positioning of caret and text selection of each user
- ✓ Real-time track changes

**Cloud service**

**On-premises**

## Real-time collaboration

Allow the students, authors or academics to write content in groups. Regardless if they are in the same classroom or workspace, at home, or spread around the world, CKEditor offers truly synchronous collaborative editing in the same document.

### Real-time collaborative writing

Create content simultaneously with other authors and track the progress.

### Real-time caret position and text selection

See what collaborators are currently doing in the document.

### Users presence list

See who is currently connected to the same document.



# Collaboration features

## Inline comments

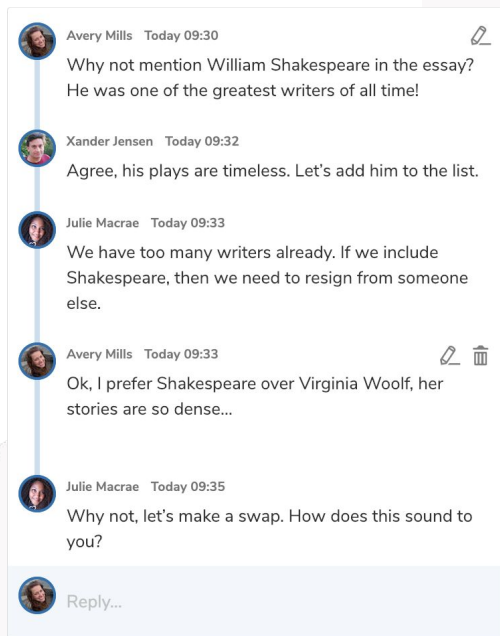
From students and teachers through academic staff to authors and publishers, everyone can benefit from being able to leave and exchange feedback on any part of created content.

- Add remarks to selected parts of the content, ask for clarification, suggest alternative wording.
- Review, discuss, collaborate by inserting, editing, deleting and replying to comments.
- Enable commenting in real time to speed up the content creation and increase engagement.

## Comments-only mode

Restrict the access to a document at any moment to the comments-only mode or even read-only mode.

- Allow teachers or proofreaders to review the content and leave feedback, without the permissions to make any changes in the original document.
- Share drafts of official documents, publications or agreements for review.
- Use the read-only mode to present reviewed documents.



## Collaboration features

## Track changes

Maintain control over the editing and reviewing process by keeping track of the changes made.

- View, accept and reject the changes made in the document by other users.
- Let users review content and see the suggestions and corrected document side by side without losing the context of the original text.
- Depending on the type, changes are displayed using different ways and colors, and can be accepted or rejected by the user.

## Bilingual Personality Disorder

This may be the first time you hear about this made-up disorder but it **actually** isn't so far from the truth. Even the studies that were conducted almost half a century show that **the language you speak has more effects on you than you realise.**

One of the very first experiments conducted on this topic dates back to **1964-1946**. In the experiment designed by linguist Ervin-Tripp who is an expert in psycholinguistic and sociolinguistic studies, adults who are bilingual in English in French were showed series of pictures and were asked to create 3-minute stories based on them. In the end participants emphasised drastically different dynamics for stories in English and French.

Another ground-breaking experiment which included bilingual Japanese women married to American men in San Francisco were asked to complete sentences. The goal of the experiment was to investigate whether or not the human feelings and thoughts are expressed differently in **different language mindsets.**

More recent studies show, the language a person speaks affects their cognition, behaviour, emotions and hence **their personality**. This shouldn't come as a surprise since we already know that different regions of the brain become more active depending on the person's activity at hand. Since structure, information and especially **the culture** of languages varies substantially and the language a person speaks is an essential element of daily life.

One language, one person.

Antony Lawton · 12-11-2018 12:34

Are we sure we want to use a made-up disorder name?

Ella Harper · 12-11-2018 12:38

Why not?

Ella Harper · 12-11-2018 12:34 ✓ ✕

Add "actually"

Antony Lawton · 12-11-2018 12:34 ✓ ✕

Replace "1964" with "1946"

Antony Lawton · Today 11:17 ✓ ✕

Remove "based on them"

Antony Lawton · Today 11:12 ✓ ✕

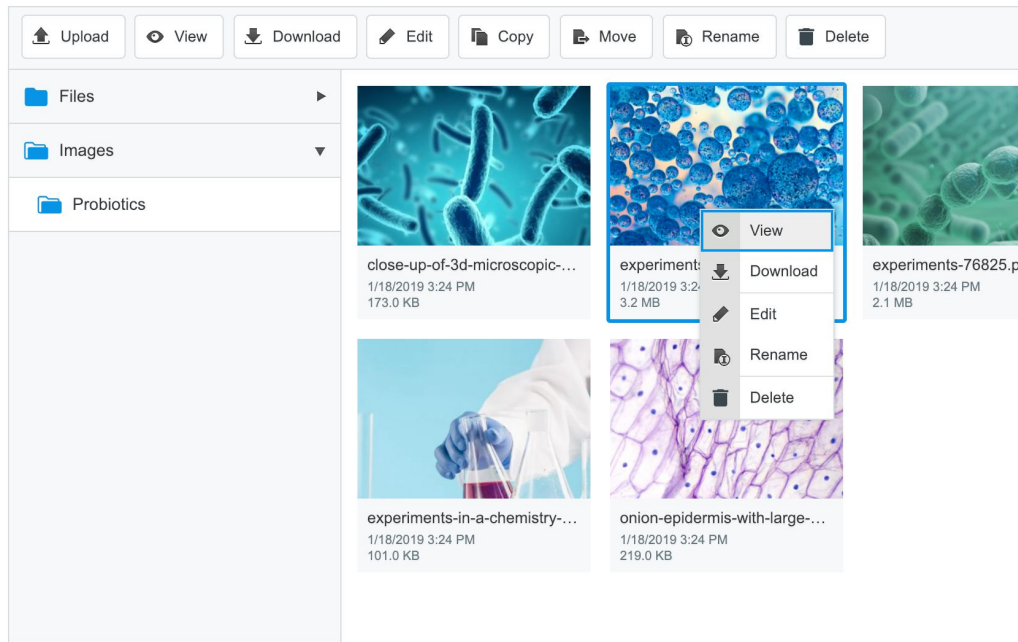
Add "Another ground-breaking experiment which included bilingual Japanese women married to American men in San Francisco were asked to complete sentences. The goal of the experiment was to investigate whether or not the human feelings and thoughts are expressed differently in different language mindsets."



# File managers - CKFinder

CKFinder is an advanced file manager with support for multiple file upload. It allows you to add images, videos, or PDF files to your content.

- One-click drag&drop file upload support.
- Top-notch security with granular user permissions.
- File and folder management: upload, delete, move, categorize.
- Built-in image editor with image crop and resize or filters.
- Multiple storage options: local file server, FTP and cloud support.



# File managers - Easy Image

## Responsive by design

Make all images inserted into your content responsive. With a single upload, several optimized versions of the image are created to fit various display sizes.

## Easy to integrate

Rescaled and optimized images are delivered through a blazing-fast CDN, supporting end users across the globe with low latency image rendering.

## Delivered instantly

Easy Image is a cloud service that you can integrate into your education or publishing application in a matter of minutes.



# All content creation features you need

## Basic styles



Bold



Italic



Underline



Strikethrough



Subscript & superscript



Inline code



Text alignment



Font family, size and color



Headings

## Block content



Numbered lists



Bulleted lists



Tables



Images & files



Media embeds



Block quotes



Math equations



Custom widgets

## Collaboration & Productivity



Inline comments



Track changes



Paste from Office & GDocs



Grammar & spell check



Accessibility Checker



Auto-formatting



Autocomplete



Auto-save



Version history  
available in 2019

## Miscellaneous



Links



Placeholders



Robust undo & redo



Read-only mode



Comments-only mode



Markdown output



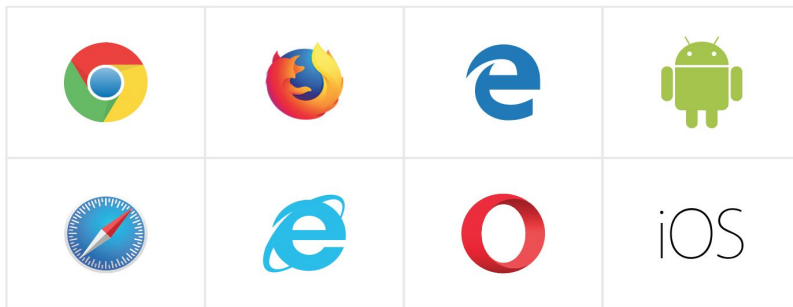
Localizability



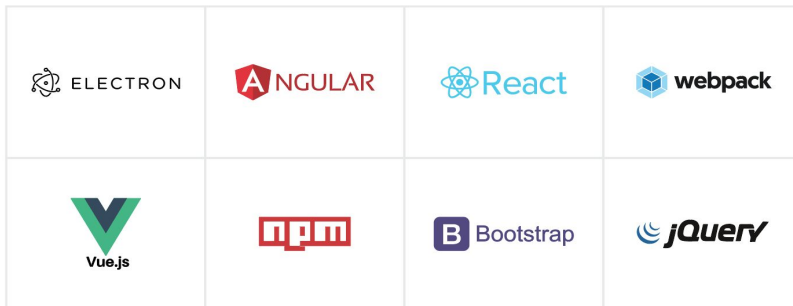
Mobile devices

# All content creation features you need

## Supported environments



## Official integrations



CKEditor Ecosystem is compatible with any JavaScript framework. Native integrations with the most popular libraries allow for quicker integration to save your money and effort.

## Education. Use cases

Advance your Learning Management System and Virtual Classroom through a set of collaborative editing tools that improve and innovate any learning environment.







## **Easy content creation**

Through a variety of tools that facilitate the collaborative creation and development of classroom materials, allow teachers to create better quality content which can be edited and shared many times.

## **Interactions between students**

Deliver an improved learning experience by making students engaged with lesson materials in real time. Keep students on task through interactive writing, comments, or chat.

## **Teacher-student collaboration**

Get homework assessments with comments and suggestions to facilitate communication between teachers and students.

## **Classes hosted remotely**

Access the farthest corners of the world and simply make it work through real-time collaboration that can be applied to every distance course. Thanks to the possible level of interaction CKEditor provides, students and teachers do not lose the feeling of a traditional classroom environment.



## Publishing. Use cases

Accelerate the book writing process through modern CKEditor technology using its vast capabilities. Create any publication and collaborate on it in real time.



## **Write and collaborate on the content**

Invite writers and editors to the document and watch them making changes. Keep an eye on the document development thanks to comments and track changes.

## **Rich set of useful features**

Design the text structure thanks to the collection of the most popular writers' features, like text formatting, lists, tables, links or block quotes. Arrange it in columns and chapters, and enrich with maths equations, tables and images.

## **Stay within one application**

You no longer need to create content in external software and paste it to the publishing platform. CKEditor offers everything writers, editors and publishers need to create a book within one application. If the content still needs to be created in Microsoft Word or Google Docs first, CKEditor supports pasting content that maintains its original formatting.

## **Speed up writing**

Use templates to keep the same content structure in every chapter. Avoid the risk of losing content by applying an auto-save functionality. Word count and spell checking are also possible in CKEditor.

# Why CKSource?

## Experience

15 years ago we started an Open Source project with a vision of developing rich text editing tools to write quality content for the web. We continue to do so today with a constantly growing brilliant team of 40+.

## Innovation

Being an innovation leader in the web editing software makes us responsible for setting up the industry quality standards and staying ahead of future web content creation challenges with perfect UX.

## Support

Our solutions come with superb documentation, technical support and dedicated Account Management and Customer Success teams. Our huge Open Source community helps us make our software better.

## Quality

Software quality is in our DNA. We know that delivering rock-solid components to external applications and being a reliable partner is crucial. We spend over 50% of our time on writing tests and documentation.

## Community

The number of CKEditor users exceeds hundreds of millions. Thanks to the community feedback and commitment, CKEditor has become a strong and reliable world-class software.

## Resources

There are 400+ articles in our documentation (+6,000 pages with API). CKEditor Ecosystem products are components with a rich, well-documented API that allows the developers to write custom features.



# Why CKSource?

**20,000+**

The number of customers that have already trusted us. This gives us a solid foundation on which we can develop our editing tools and invest into them, bringing innovative solutions like real-time collaboration and surrounding features.

**1,200+**

The number of customer support inquiries resolved per year. Each commercial license comes with dedicated support channel where our QA, Customer Care and Development team members help the customers implement, troubleshoot and integrate our products with their solutions.

**97%**

The customer satisfaction rate for our support services. We continuously monitor customer satisfaction and improve our processes to deliver outstanding support.





## Our education sector customers



## Tablo. Case study

The core of Tablo revolves around authors writing books. Whilst we take an agnostic approach to how and where an author writes their book, we strive to make a writer that authors can use effortlessly but more importantly, rely on.

We spent a lot of time researching content editors in the browser to see if there was a project that met all of our needs now and into the future. In the end there was only one editor which not only met all of our needs but also creates a foundation that will serve us for new unthought of features in the future. CKEditor at its core is a modern, readily extensible, and future-proof editor that sets the benchmark for content editors to follow.

The announcement of a collaboration service for CKEditor is a game changer. Previously, real-time document collaboration was only accessible to an exclusive few because of its inherent technical complexity. But now real-time collaboration can be enabled in any CKEditor 5 editor easily in 5 minutes. One of the best parts is that our authors are oblivious to the complexity of real-time collaboration. Our authors can now share and collaborate on their documents whether it's the next bestseller or a group university assignment by just simply inviting one another.

Integrating CKEditor real-time collaboration services was **exceedingly simple**. All that was needed was to import the collaboration service plugin to activate the editor. Then, after creating a simple endpoint to authenticate users, we were up and running.

The project that we currently use the collaborative Tablo Writer in is called "Tablo Universities". It allows a university to utilise the import, creation, and export features of Tablo directly into their Learning Management System (LMS). Our first customer is University of Technology Sydney (UTS) and will begin integrating it into courses this year.

Alex Eckermann  
CTO, Tablo.io



# Amarillo College. Case study

Amarillo College makes creating online content across almost 200 academic and administrative departments super easy with CKEditor and accessible for everyone with Accessibility Checker.

“The use of a standardized product for all online production has allowed for a better overall experience. Training is easier, troubleshooting is easier, upgrades are easier. Further, CKEditor and the Accessibility Checker will do more for our students than just help those with disabilities. They ensure that we properly format all our content, which helps all of the visitors to our site”.

Amarillo College went from one person handling an entire website and content for 200 departments to allowing end users and departments to manage their own content. CKEditor is a big part of that. The familiar look and feel from word processing programs lends itself to being intuitive. Accessibility Checker ensures no student is left behind because the content they try to access cannot be properly read by screen readers.

**Thomas de Jesus**

Senior Web Application Developer, Amarillo College

# Minerva. Case study

Every class at Minerva is a small seminar conducted using Forum, an active learning environment designed to facilitate continuous face-to-face interaction among professors and students. Though each seminar is different, with some focused on discussion or collaborative work sessions and others on polling and debate, all require full student participation.

For the latest version of Forum, we evaluated CKEditor 5 and its real-time collaborative editing features. The results of our tests are very satisfactory. In particular, we were able to identify the following four important facts about the software being tested:

- Ability to collaborate on documents in real time without any specific limitations on the number of sessions and collaborators per document.
- Availability of enterprise-grade technical assistance, scalability, and support for thousands of end users collaborating simultaneously.
- A wide range of customization and extension possibilities.
- Ability to implement our own environment for data storing and security management.

Minerva Project, headquartered in San Francisco, is reinventing the university experience for the brightest, most motivated students in the world. Minerva is committed to providing an unparalleled educational experience for preparing global leaders and innovators for the 21st century.

**Ben Chun**  
Product Manager, Minerva

Trusted by the best





CKEditor Ecosystem is presented by

# CKSOURCE™

Email us  
[info@cksource.com](mailto:info@cksource.com)

Call us  
Toll-free (US/CAN): +1 800 643 7519  
Internationally: +1 650 353 3268

[ckeditor.com](http://ckeditor.com)