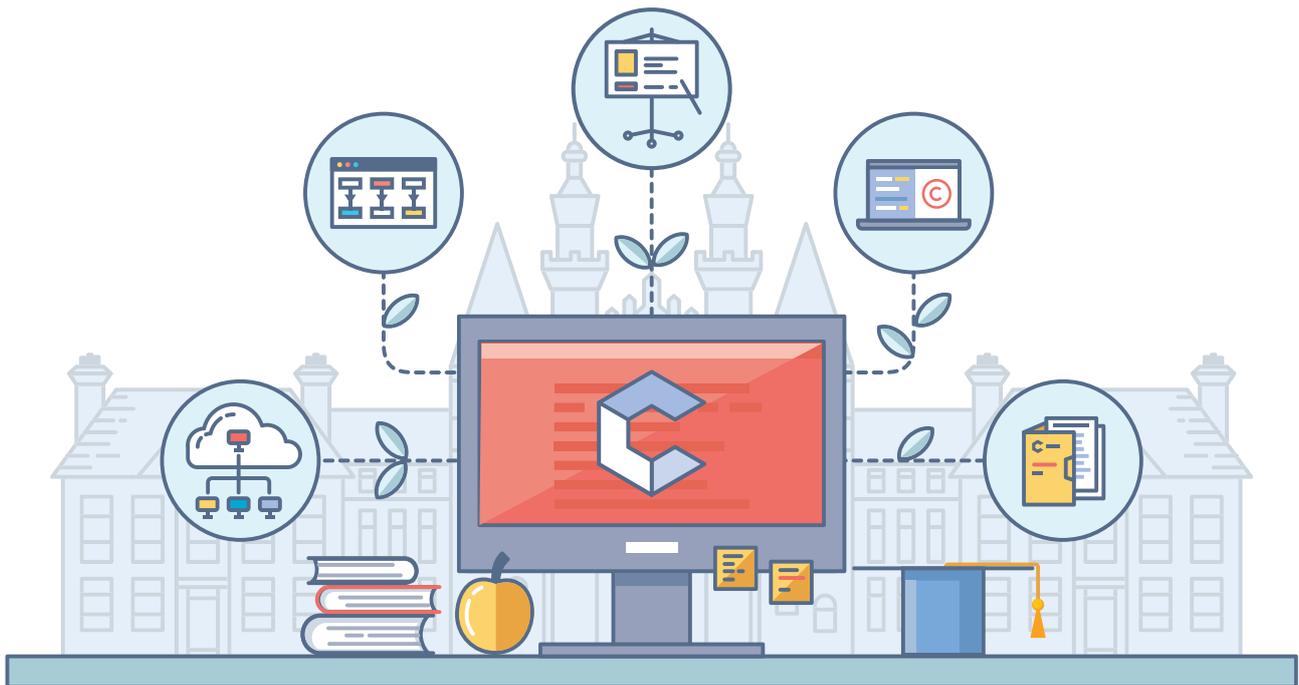




The Learning Platform for **COMPUTER SCIENCE**

What is Codio?

Codio is a learning management platform and cloud IDE all in one.



We offer a unique combination of technologies that you'll find hard to match. An entire infrastructure stack in the cloud to give you and your students access to code projects at any time.

Create a programming project template in seconds using any language, database, framework or library. Next, provide the template for your students to use anywhere or on any operating system.

Clever cloud technology with containerisation lets us provide unlimited cloud servers, and save on storage costs.

Not only that, Codio comes with learning management features like classrooms, a code assessment engine, Moodle integration and plagiarism detection. It's the complete solution you need to teach Computer Science.

This is Codio.

IT'S THE BIG THINGS that really matter

Web-based IDE, online code editor, project templates, powerful class management features and a flexible content authoring system all come as standard.



Real cost savings

Because it's cloud-based there's no hardware investment and no software estate to manage. Just select the number of users you need — everything's covered by the annual licence fee.



Efficient and productive

Large class sizes aren't an issue for Codio. You can streamline admin by allowing learners to enrol themselves. And with no software to install, you and your students can use Codio straight away.



Simple class management

Need to see how your students are progressing, create a new class, upload or download student work? Codio makes it all simple — with drag and drop functionality.



Easy course creation

Simple and powerful, Codio's content authoring tools will help you create a great learning experience. Easily upload your own course materials or create new courses with pre-configured templates.

Infrastructure as a service

ACCESS, AVAILABILITY, SCALABILITY

Cloud computing makes infrastructure and software as a service the smart choice for one, ten, fifty or any number of users. It takes away all the time consuming software and device management, and expensive infrastructure.

No software to install and manage

Cloud computing is simple. With nothing to install, users — course creators, administrators and learners — can get started right away. And because Codio works on any browser, students can use it anywhere and on any device.

No performance downsides

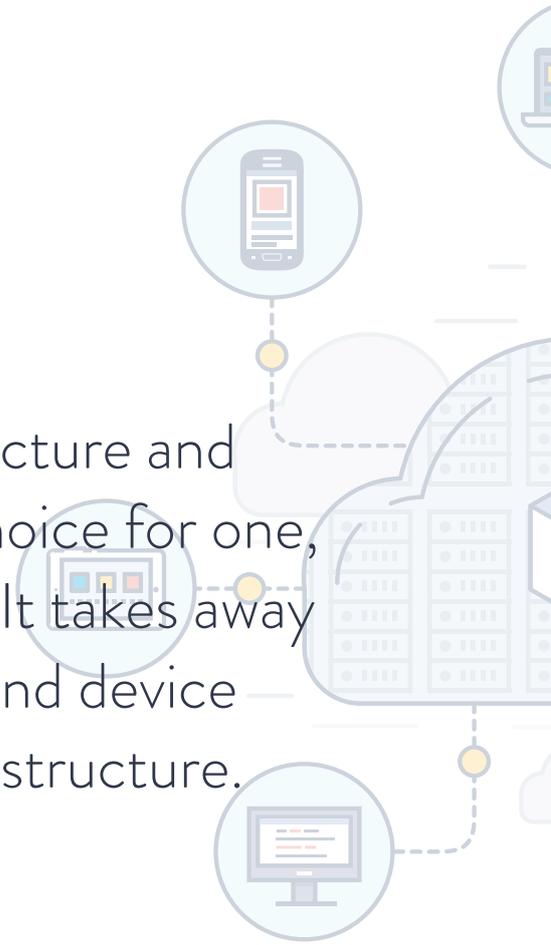
With a reliable connection, Codio works just as effectively as a desktop app. Codio's containerisation technology means that CPU and RAM use is balanced across all users, to optimise everyone's performance. This approach also means that each user effectively has their own server — so there are no conflicts, and data access can be many times faster than using a shared server.

Easy to scale up

Need to add more users? No problem. Codio can create hundreds of virtual servers on one physical server. What's more, there are no barriers. Users can install and configure any programming language, database or software.

No conflict

An Ubuntu server with terminal access and domain name for each assignment ensures no conflict between code projects.



Web-based IDE FOR BEGINNERS AND EXPERTS

Codio's powerful IDE can match any desktop equivalent for functionality.

For learners and experts

Wherever your users sit on the learning curve, they'll find it easy to use Codio's IDE. It's intuitive for beginners and helps experienced coders to be more productive.

Codio is used by professionals, advanced students and developer teams. Our IDE features an online code editor, multiple code panels and syntax highlighting to ensure advanced students are using the same tools as the industry standards.

Additional features for coders

Our IDE features also include autocomplete, code-folding, key-bindings, line-numbering, multiple cursors, detailed control over visual themes and preferences, and standard and regex search and replace.

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Codio is extremely useful for teaching university programming courses. Having a capable and uniform environment cuts down on setup and configuration tasks, so I can spend more time teaching. But most importantly, students learn in a professional development environment that can be used as part of career progression.

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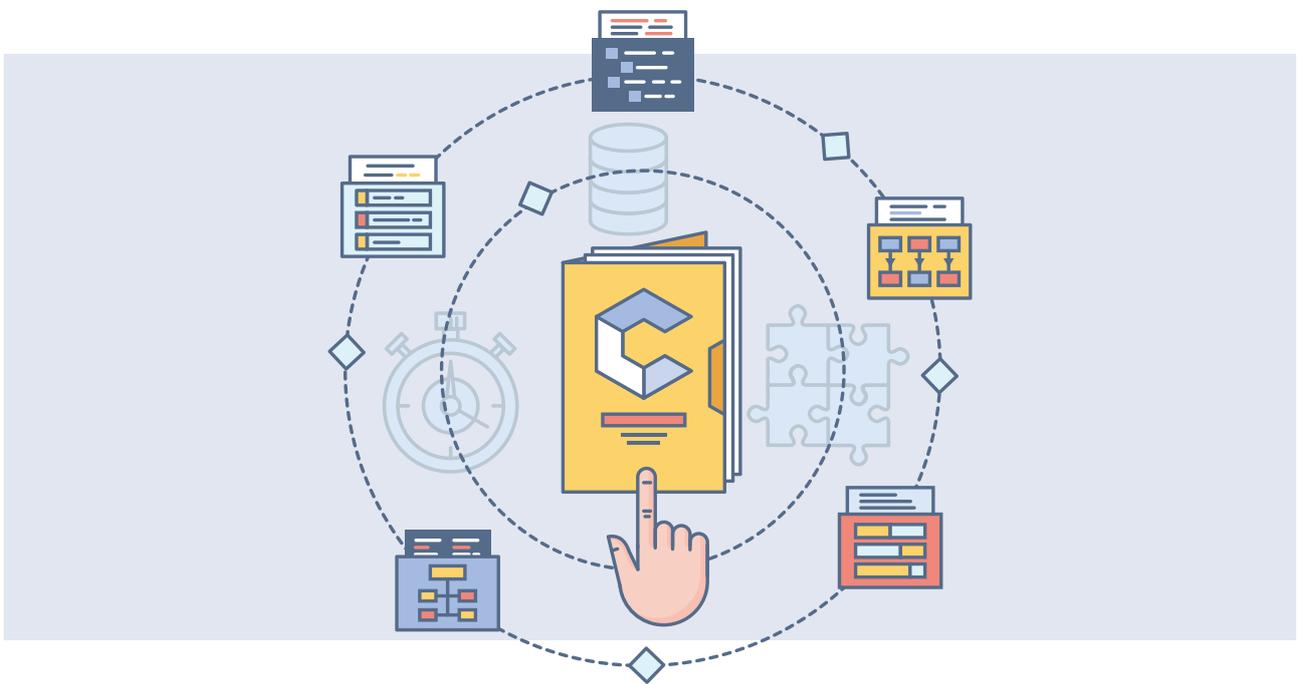


Greg DeLozier

Lecturer, Department of Computer Science
Kent State University

Create new project templates WITH JUST ONE CLICK

If you want, you can start from scratch when you create a new teaching project. But you don't need to. Codio's templates help you to be more efficient.



Use our stacks or create a library of your own

They're simply templates that have the base software components installed and fully configured. Codio comes with pre-loaded stacks, and it's easy to make your own. Just take a snapshot of a project and save it as a stack.

Make a quick start with starter packs

Need some fully functional projects fast? You can do it in one click with Codio starter packs. Source code that points to a stack gets your students started in seconds, and cuts out the need to install code or dependencies.

Manage classes, students and assignments YOU'RE IN CONTROL

Codio's educational administration features make the whole process of managing computer science courses simple and straightforward. It doesn't just let you set up classes, it lets you communicate with students, monitor their work and more.

Get the big picture



Your dashboard is at the heart of the administration function. From here you can do everything — set up classes, assign projects and monitor progress. Students have a dashboard too, where they can collect messages, see their assignments and scores, and other information relevant to them.

The complete solution

Combining class management with professional development tools makes Codio your complete solution for teaching computer science.

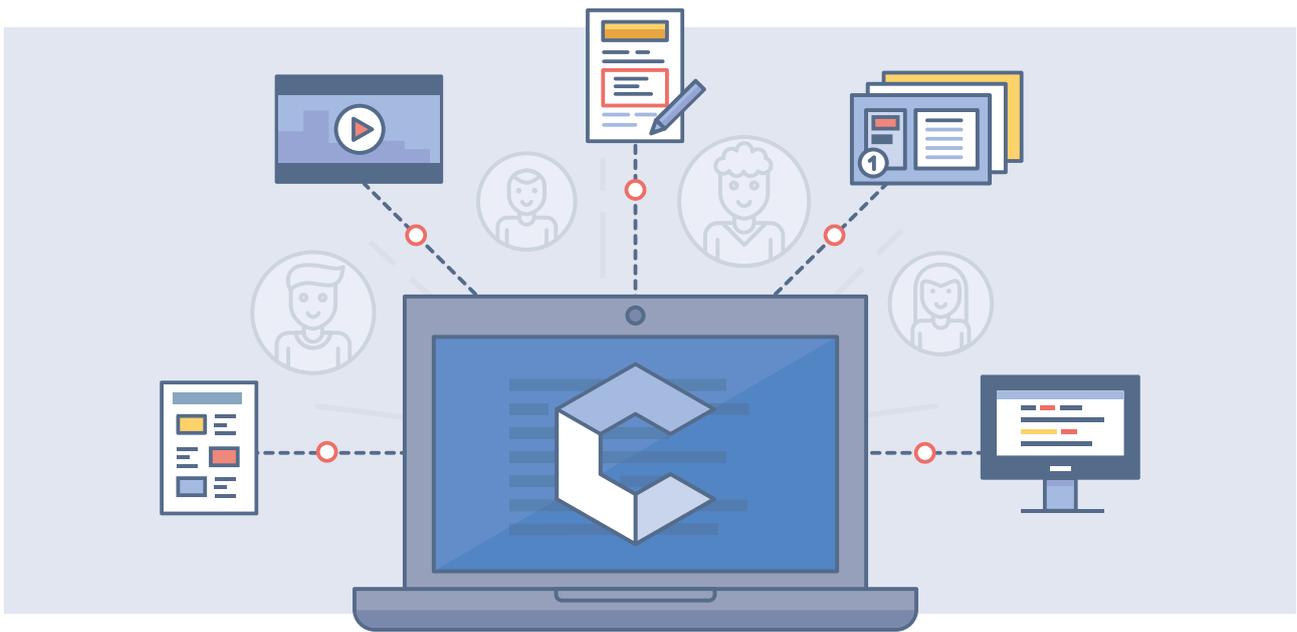


- Easy class set up – import data from CSV files, let students self-enrol, or input manually
- Assign projects, upload course materials – Codio's stacks make it simple
- Complete visibility – monitor student activity, leave feedback and allocate grades

Powerful authoring tools

A GREAT LEARNING EXPERIENCE

Codio gives you everything you need to create a great learning experience.



Content authoring tools

Powerful authoring tools let you create course content within the IDE. You can easily supplement this with your own materials, such as lecture notes, videos, slideshows, sound and other rich media.

Multiple assessment options

Codio can handle different assessment types, letting you pick the most appropriate type for the task. For example, you might want code to be auto-tested, so that students can gain immediate feedback. You can also create multiple choice questions, or fill in the blank. Depending on the type of assessment, it can be auto-graded, or you can mark them individually.

Assessment results appear in your dashboard for easy viewing.

Great value for money

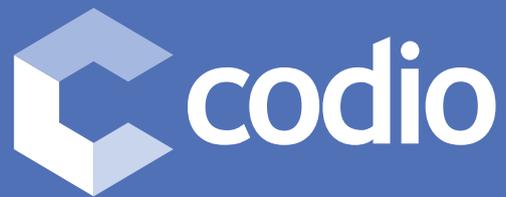
FLEXIBLE PRICING

A Codio licence is valid for 12 months, and when you subscribe for the first time you'll get a free 30-day trial too. There's only one licence type, and that gives you access to all that Codio has to offer.



We offer different pricing structures that depend on how many students you have in your class. You also have the option to buy an institutional licence or we can offer a student self-pay option. You can save even more if you subscribe for two years.

You'll find full details of our pricing structure on our website codio.com/pricing



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