

TYPO3 Onboarding and Skill Management in Academic Institutions

TYPO3 University Days 2021

TYPO3 Education Committee
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Education Committee Strategy

Get close to the target audience



Be maintainable and expandable

Based on a solid skill structure, Automatic learning resource matching, Allow cherry-picking



Make it easier to teach TYPO3

Clear learning goals, Small Learning Units, Ready to use exercises



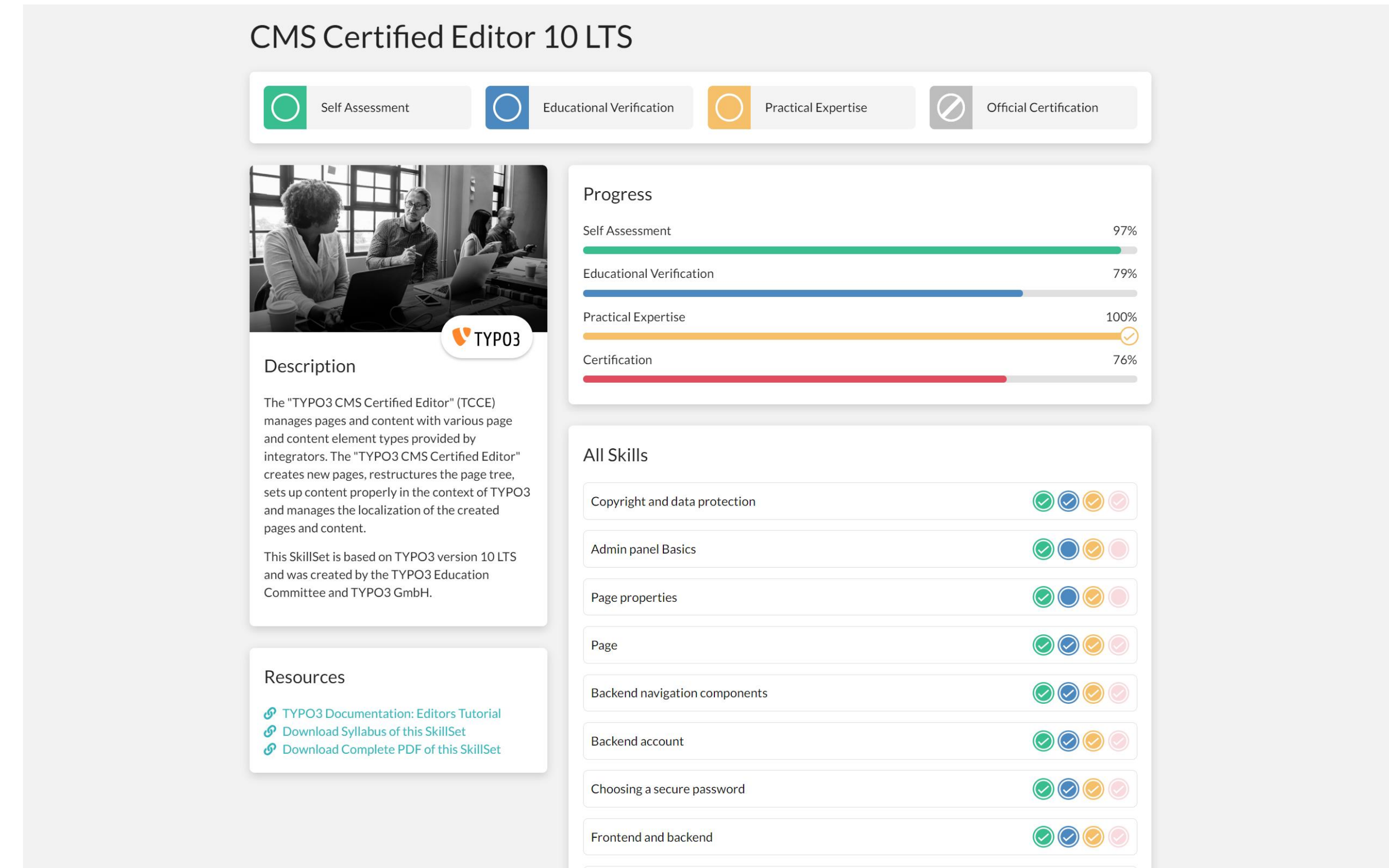
Get people on the radar

Lower barriers, offer quick win, get registered with my.typo3.org

Be maintainable and expandable

Solid Skill Structure

- **Over 120 TYPO3 Skills available**
Broken down from 3 Certifications (TCCE, TCCI, TCCD)
- **Skill features**
Description, Goals, Official TYPO3 resources, Tags
- **Open-Source Spirit**
All skill information is Open Data, API for custom implementations available

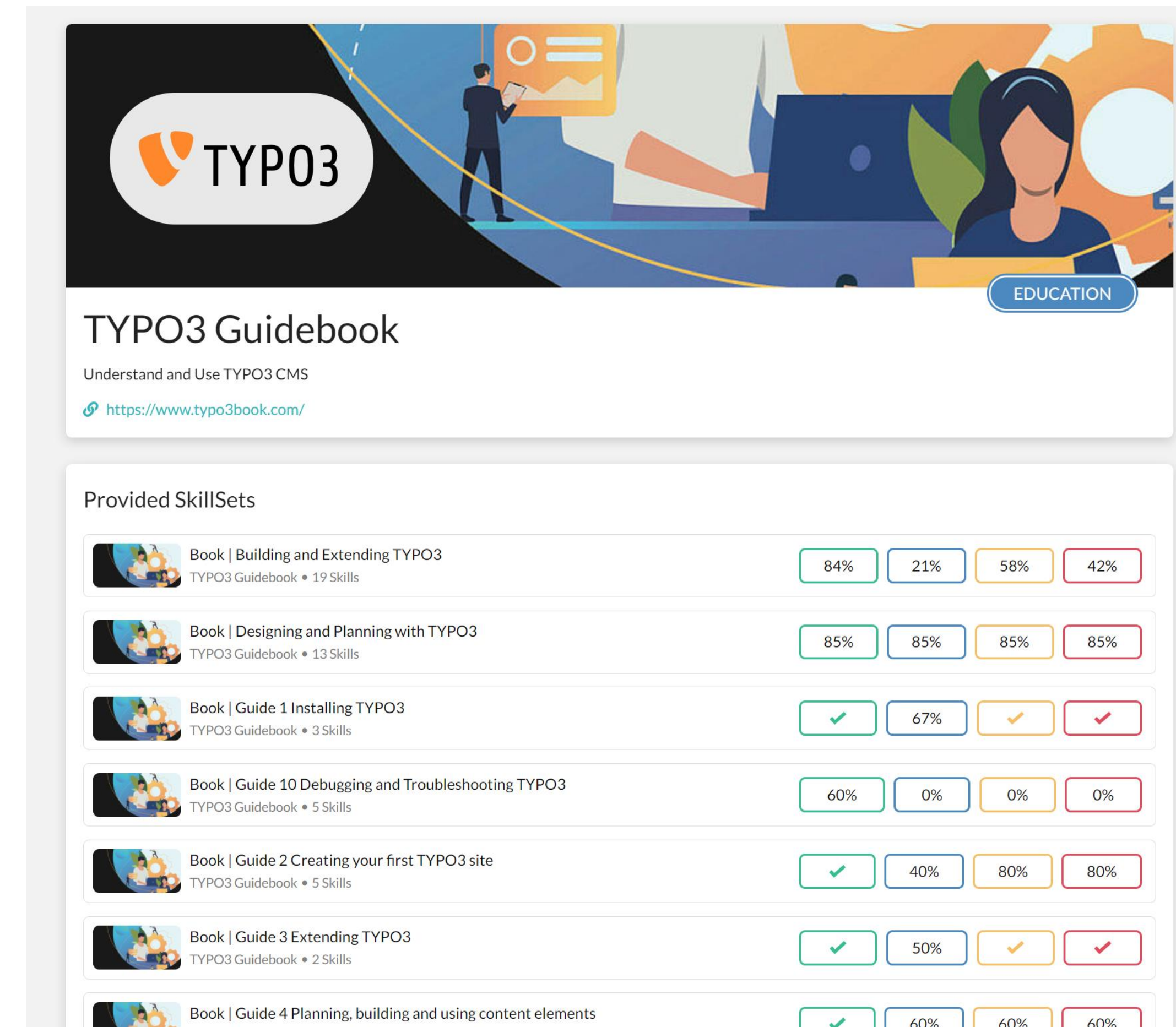


Live Demo

Public Skill Information

Automatic Learning Resource Matching

- **Tag Learning Resources with Skills**
Blog articles, Books, etc.
- **Remain relevant**
Outdated resources containing skills which are deprecated will be clearly highlighted
- **Reverse Search**
Type a skill name in the search and find all relevant learning resources
- **Suggested Resources**
Learners get suggestions for their skill level



The screenshot displays the 'TYPO3 Guidebook' interface. At the top, there's a header with the 'TYPO3' logo and an illustration of a person at a computer. Below the header, the title 'TYPO3 Guidebook' is followed by the subtitle 'Understand and Use TYPO3 CMS' and a link to 'https://www.typo3book.com/'. A blue 'EDUCATION' tag is visible in the top right corner of the header area.

The main section is titled 'Provided SkillSets' and lists several resources with their corresponding skill matching percentages. Each resource is represented by a book icon, a title, a subtitle, and four colored boxes (green, blue, yellow, red) showing percentages.

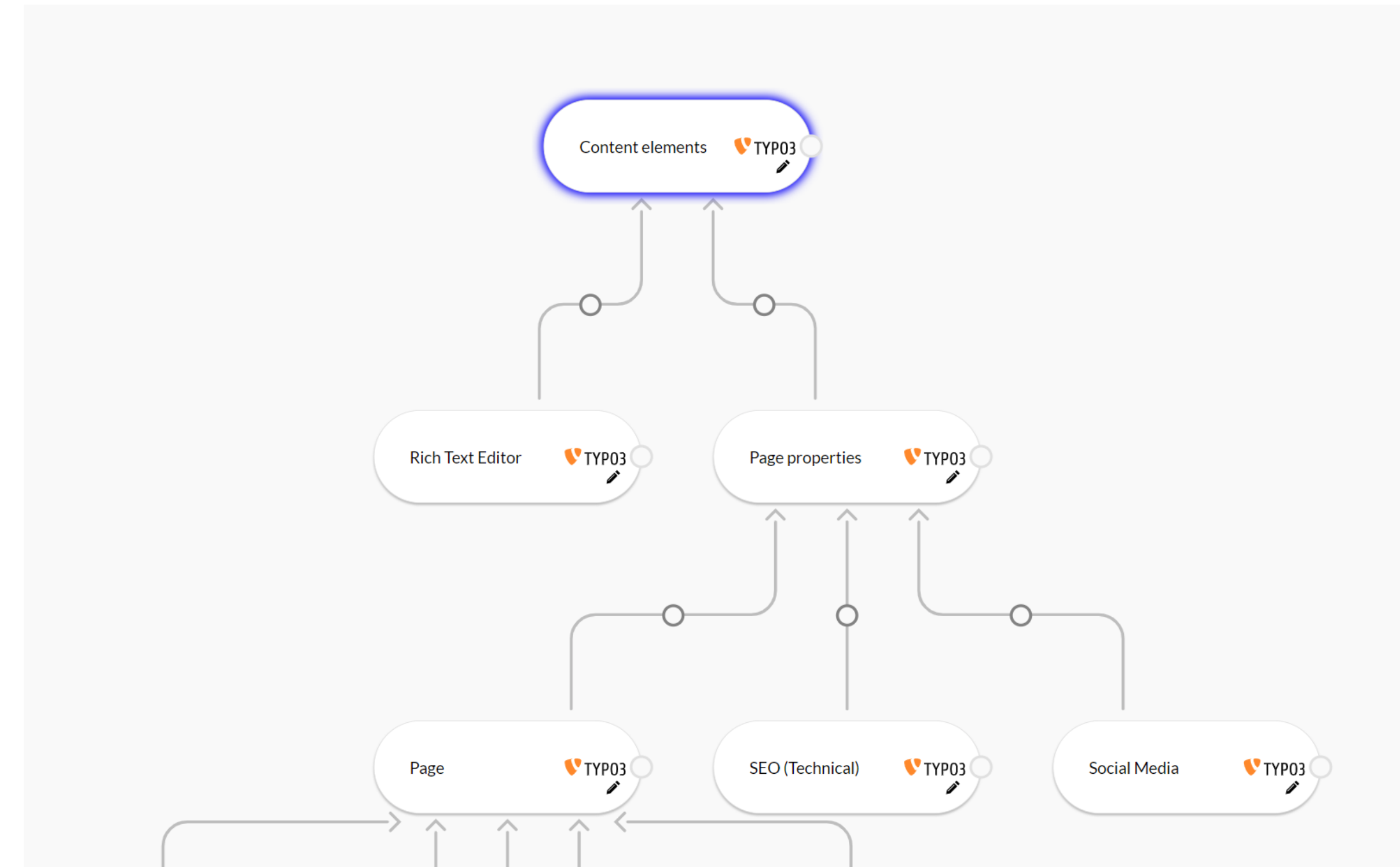
Resource	Green (%)	Blue (%)	Yellow (%)	Red (%)
Book Building and Extending TYPO3 TYPO3 Guidebook • 19 Skills	84%	21%	58%	42%
Book Designing and Planning with TYPO3 TYPO3 Guidebook • 13 Skills	85%	85%	85%	85%
Book Guide 1 Installing TYPO3 TYPO3 Guidebook • 3 Skills	✓	67%	✓	✓
Book Guide 10 Debugging and Troubleshooting TYPO3 TYPO3 Guidebook • 5 Skills	60%	0%	0%	0%
Book Guide 2 Creating your first TYPO3 site TYPO3 Guidebook • 5 Skills	✓	40%	80%	80%
Book Guide 3 Extending TYPO3 TYPO3 Guidebook • 2 Skills	✓	50%	✓	✓
Book Guide 4 Planning, building and using content elements	✓	60%	60%	60%

Live Demo

Reverse Search

Allow cherry-picking

- **TYP03 Trainers select what they need**
Re-use existing learning material or create new trainings, support any course duration
- **Help Trainers identifying skills**
Skill dependencies auto-render a tree for identifying necessary prerequisites



Live Demo

Learning Unit Creation with the Skill Tree

Make it easier to teach TYP03

Trainer needs



Clear Learning Goals



Learning Resources



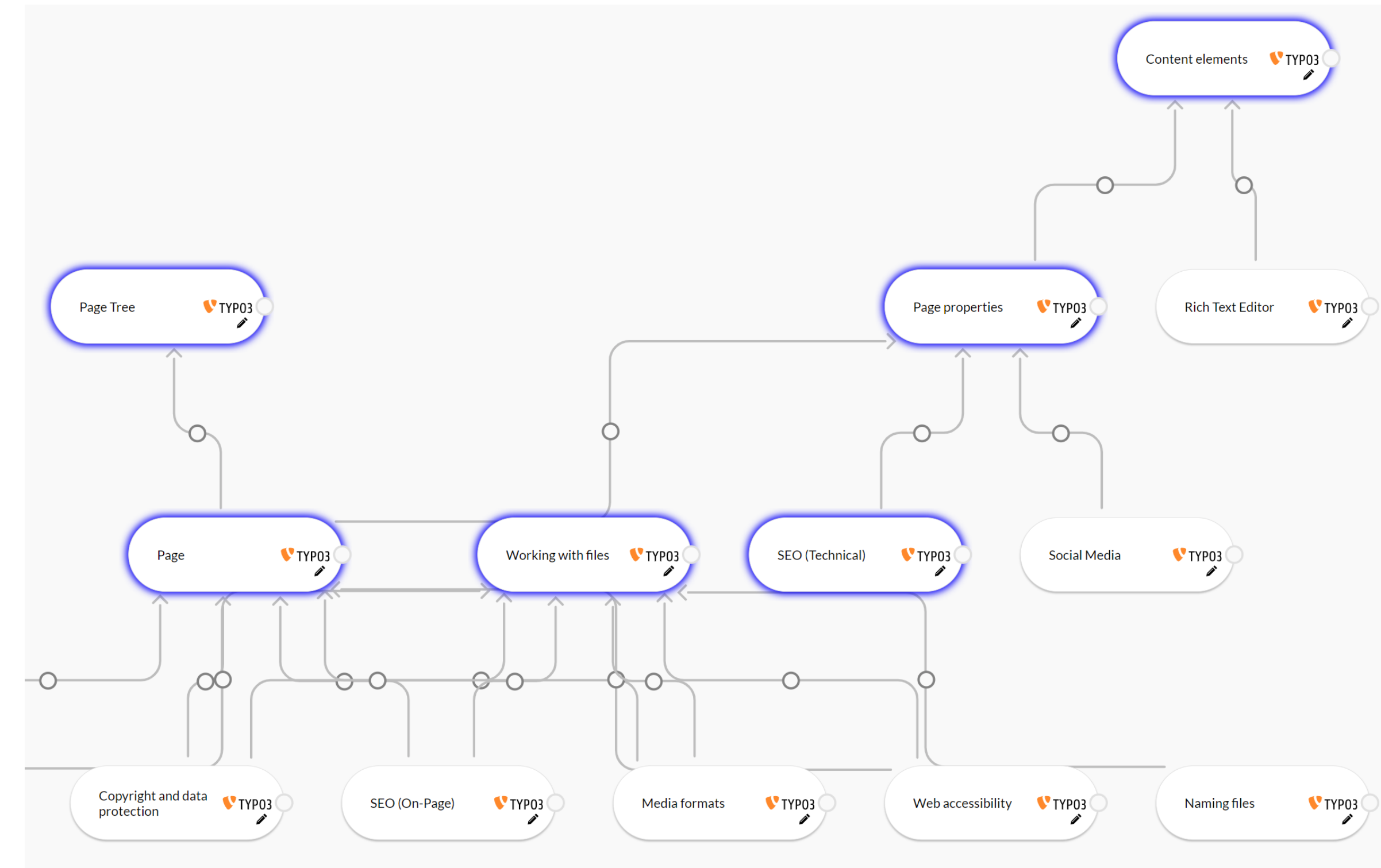
Exercise

Example Use-Case

TELC-E

□ Clear Learning Goals

- **Choose „Content Elements“ as target**
Review and select prerequisite skills for inclusion
- **Dare to omit**
Leave some prerequisites out, because we know we won't cover all full aspects of the skill (e.g.: A Rich Text Editor is easily usable without knowing the full featureset)
- **Create a custom set of skills**
Approx 5 minutes of effort after settling on a skill selection



Clear Learning Goals

- **Digital skill tracking with my.typo3.org account**

<https://my.skilldisplay.eu/skillset/204>

- **Syllabus PDF**

<https://www.skilldisplay.eu/api/v1/skillset/204/syllabus>

- **Skill List PDF**

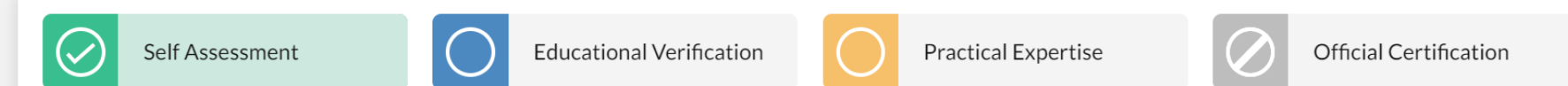
<https://www.skilldisplay.eu/api/v1/skillset/204/pdf>

- **Open Data**

Available for custom implementations

<https://www.skilldisplay.eu/api/v1/skillset/204?includeFullSkills>

Entry Level Certification - Editor 10 LTS



Description

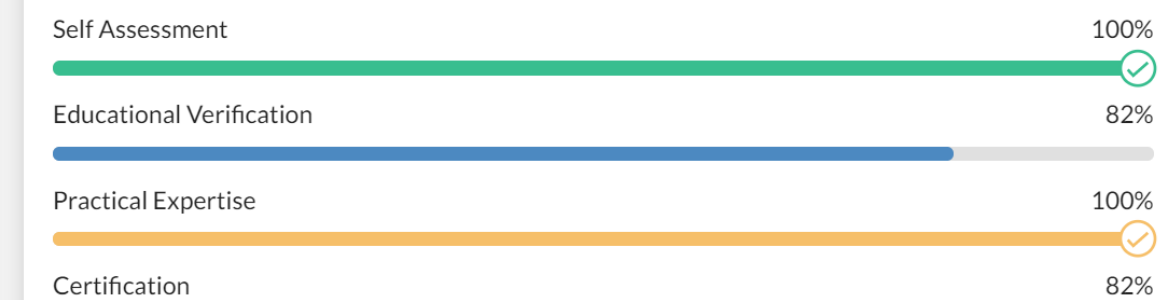
Entry level certifications are your first step towards professional certification with a small and easily accessible curriculum. They follow a specific theme which is part of the full official certification for the respective field of work.

Creating and maintaining pages, content and digital assets.

Resources

- [Download Syllabus of this SkillSet](#)
- [Download Complete PDF of this SkillSet](#)

Progress



All Skills

About TYPO3	<div><div></div><div></div><div></div><div></div></div>
Roles in TYPO3	<div><div></div><div></div><div></div><div></div></div>
Frontend and backend	<div><div></div><div></div><div></div><div></div></div>
Backend account	<div><div></div><div></div><div></div><div></div></div>
Backend navigation components	<div><div></div><div></div><div></div><div></div></div>
Page	<div><div></div><div></div><div></div><div></div></div>
Page Tree	<div><div></div><div></div><div></div><div></div></div>
Working with files	<div><div></div><div></div><div></div><div></div></div>
SEO (Technical)	<div><div></div><div></div><div></div><div></div></div>
Page properties	<div><div></div><div></div><div></div><div></div></div>
Content elements	<div><div></div><div></div><div></div><div></div></div>

☐ Learning Resources

(yes, this slide is empty, you don't have to do anything)

Learning Resources

- **Resources listed with skills**

Official recommendations of the Education Committee

- **Reverse search via SkillDisplay**

Type the name of the skill in the search, find all relevant resources

- **Reverse search via API**

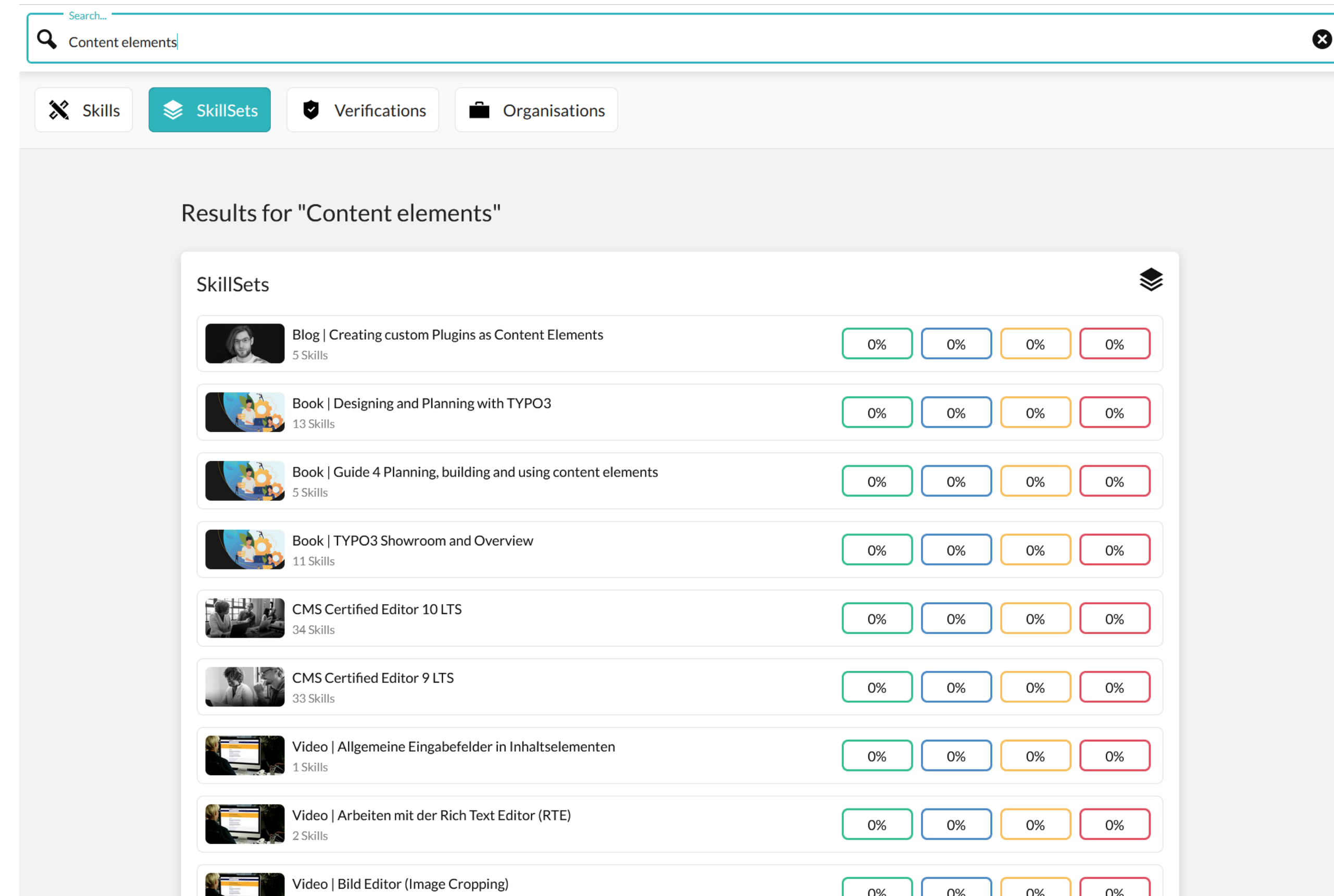
<https://www.skilldisplay.eu/api/v1/search?q=Content%20Elements&skills=0&skillsets=1&verifications=0&organisations=0>

- **Suggested Learning via SkillDisplay**

Suggestions optimized for the own ability level, coming soon

- **Suggested Learning via API**

Coming soon



The screenshot shows the SkillDisplay web application interface. At the top, there is a search bar with the text "Content elements" and a magnifying glass icon. Below the search bar, there are four tabs: "Skills", "SkillSets" (which is active), "Verifications", and "Organisations". The main content area displays "Results for 'Content elements'" and a list of "SkillSets". Each SkillSet entry includes a small icon, a title, the number of skills associated with it, and four colored buttons (green, blue, yellow, red) each showing "0%".

SkillSet	Skills	Green	Blue	Yellow	Red
Blog Creating custom Plugins as Content Elements	5 Skills	0%	0%	0%	0%
Book Designing and Planning with TYPO3	13 Skills	0%	0%	0%	0%
Book Guide 4 Planning, building and using content elements	5 Skills	0%	0%	0%	0%
Book TYPO3 Showroom and Overview	11 Skills	0%	0%	0%	0%
CMS Certified Editor 10 LTS	34 Skills	0%	0%	0%	0%
CMS Certified Editor 9 LTS	33 Skills	0%	0%	0%	0%
Video Allgemeine Eingabefelder in Inhaltselementen	1 Skills	0%	0%	0%	0%
Video Arbeiten mit der Rich Text Editor (RTE)	2 Skills	0%	0%	0%	0%
Video Bild Editor (Image Cropping)	1 Skills	0%	0%	0%	0%

□ Exercise

- **User Story based**

User Story format offers a clear indication of what the learner is expected to do

- **Breakdown into smaller tasks**

Multiple, easily reachable milestones

- **Real world or other engaging scenario**

Increased learner motivation



✓ Exercise

- **Related to demo.typo3.org**
All interested learners can directly work on the exercise
- **Available as PDF Slides**



Example Use-Case Download

TELC-E Resources

- **Digital SkillSet**

<https://my.skilldisplay.eu/skillset/204>

- **Syllabus PDF**

<https://www.skilldisplay.eu/api/v1/skillset/204/syllabus>

- **Skill List PDF**

<https://www.skilldisplay.eu/api/v1/skillset/204/pdf>

- **Exercise**

https://typo3.org/fileadmin/t3o_common_storage/documents/certification/TELC_Beta092021.zip



You can make us of everything
RIGHT NOW

TYPO3 Entry Level Certification Preview

- **Download all TYPO3 Entry Level Certification Material**

- The syllabus.
- Full skill list, and official documentation resources.
- A ready-to-use exercise for training use.
- https://typo3.org/fileadmin/t3o_common_storage/documents/certification/TELC_Beta092021.zip

- **Add YOUR learning resource to the pool**

We know that there is an abundance of high-quality material out in the TYPO3 community that is very useful for learning and teaching TYPO3.

Have you got, or do you know of, a great learning resource like a blog, video, book or tutorial? Let us know in the #micro-certification TYPO3 Slack channel or contact florian.weiss@typo3.org

Make use of your free TYPO3 Academic Membership Account

- **Info Page**

<https://www.skilldisplay.eu/invitations/welcome-typo3-association-members/>

- **Any problems or questions? Let us help**

- #micro-certification on Slack

- SkillDisplay Service Portal

<https://skilldisplay.atlassian.net/servicedesk/customer/portal/2/group/-1>

- **Not a TYPO3 Academic member yet?**

<https://typo3.org/project/association/membership/academic>