VETPROFIT

Multidisciplinary, Project-based Digital Learning Content for VET

2nd Partner meeting

Gödöllő

30 of June – 1 of July 2022

Co-funded by the
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of the European Union

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Prompt -1989

iTStudy -2006

INFORMATION TECHNOLOGY & EDUCATION
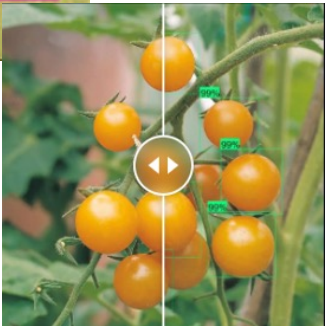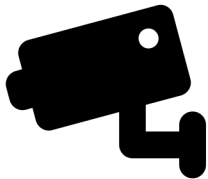
Planned Results

R1 - Study on 21st century relevance of textbooks and learning content	MAKESZISZ	01/11/2021-31/05/2022
R2 - PBL with interdisciplinary approach – blended course for VET teachers	iTStudy	01/02/2022-31/12/2022
R3 - Labour market-oriented projects for students	DRDC	01/06/2022-31/03/2023
R4 - Repository of re-usable digital micro-learning content for VET	DEULA	01/03/2023-31/03/2024
R5 - Mini-courses and projects of VET students	JAC	01/01/2024-30/06/2024
R6 - Methodology of developing, publishing and re-using digital micro-learning contents – guide for VET expert teachers	iTStudy	01/06/2024-31/10/2024

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Activity	LEADER	Timeline
		M1, M2, M3, M4, M5, M6, M7, M8, M9, ...
		2022 / 2023 / 2024
Project Management	LEADER	11 12 1 2 3 4 5 6 7 8 9 / 1 2 3 4 5 6 7 8 9 / 1 2 3 4 5 6 7 8 9
A8 Interim report		
A9 Final report		
M1: Virtual meeting		V
M2: Transnational meeting in Hungary, Gödöllő		HU
M3: Virtual meeting		V
M4: Transnational meeting in Germany		DE
M5: Virtual meeting		V
M6: Transnational meeting in Italy		IT
M7: Transnational meeting in Hungary, Keszthely		HU
R1 – Study on 21st century relevance of textbooks and learning content	MAKESZISZ	
R2 – PBL with interdisciplinary approach – blended course for VET teachers	iTStudy	
R3 – Labour market-oriented projects for students	DRDC	
R4 – Repository of re-usable digital micro-learning content for VET	DEULA	
R5 – Mini-courses and projects of VET students	JAC	
R6 – Methodology of developing, publishing and re-using digital micro-learning contents – guide for VET expert teachers (EN, DE, IT, HU)	iTStudy	
Multiplier Events		
E1: Consulting/inviting VET teachers - Hungary, Budapest	P4-MAKESZISZ	
E2: Consulting/inviting VET teachers - Germany	P2-DEULA	
E3: Consulting/inviting VET teachers - Italy	P3-JAC	
E4: Consultation with companies - Hungary, Gödöllő	P6-DRDC	
E5: Consultation on learning content development - Germany	P2-DEULA	
E6: Consultation on learning content development - Hungary, Gödöllő	P1-ITS	
E7: Promotion of project results - Hungary, Keszthely	P5-PREM	

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- **Review the curriculum, learning materials** and **teaching methods** currently used in the initial training of the two sectors in the partner countries to identify needs in terms of digital learning content development

- **Train VET teachers of the selected sectors** specifically about the project method, related digital tools, innovative assessment practices and digital content creation.

- **Assign real-life project tasks** for VET students, in close collaboration of teachers and labour market representatives.

- **Create project-based, re-usable, high-quality, motivating digital learning content** in an **interdisciplinary approach**, using Open Educational Resources as well as own development, with substantial support from the educational expert partner. Implement the created content in an open repository.

- **Support students in completing their project tasks by designing and delivering mini-courses for them**. using the previously created learning content, and applying methods mastered at the teachers' training.

- **Evaluate and document the process, creating a model** that is published as **a guide** to be followed by selected teachers of other VET institutes and educational experts who deal with digital learning content development.

Tasks

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R1 Study the standard curricula an textbooks → 1. IDENTIFY THE NEEDS -MAKESZISZ

R2 PBL with interdisciplinary approach blended course for VET teachers → 2. PREPARING TEACHERS- Blended course - iTStudy

R3 - Labour market-oriented projects for students → 3. DEFINING RESPONSIVE PROJECTS - DRDC

R4 - Repository of re-usable digital micro-learning content for VET → 4. DEVELOPING DIGITAL CONTENTS - DEULA

R5 - Mini-courses and projects of VET students → 5. DELIVERING MICRO-COURSES - JAC

6. RUNNING RESPONSIVE PROJECTS -JAC

R6 - Methodology of developing, publishing and re-using digital micro-learning contents – guide for VET expert teachers → 7. Evaluation, publication - iTSTUDY

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Consortium Member

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Where we are now?

6 submissions

	#	★ 🔒 📄	CREATED ▼	USER	LANGUAGE
☐	6	☆ 🔓 📄	Fri, 04/15/2022 – 17:03	Anonymous	English
☐	5	☆ 🔓 📄	Thu, 04/14/2022 – 11:28	giulia.dakli	English
☐	4	☆ 🔓 📄	Wed, 04/13/2022 – 14:27	Annamari	English
☐	3	☆ 🔓 📄	Wed, 04/13/2022 – 14:12	hegedush	Hungarian
☐	2	☆ 🔓 📄	Wed, 04/13/2022 – 13:20	heide.reimer	English
☐	1	☆ 🔓 📄	Wed, 04/13/2022 – 13:18	chiaraspizzichino	English

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 – NOT FILLED!

https://vetprofit.itstudy.hu/en/node/124/webform/results/submissions

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Where we are now?

The aim of these working phase is **to perform a thorough analysis of learning outcomes, curricula, learning materials and applied methods of the initial/basic training of two sectors:** Agriculture and forestry, IT and telecommunications, in all partner countries.

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Where we are now?

Interviews – companies, teachers, students (EN, HU, IT, DE)

- We developed the quastionnaires and conducted the interviews in the 4 countries
- Analysis of the results: TASK of today

Analysis of the standard curricula and textbooks
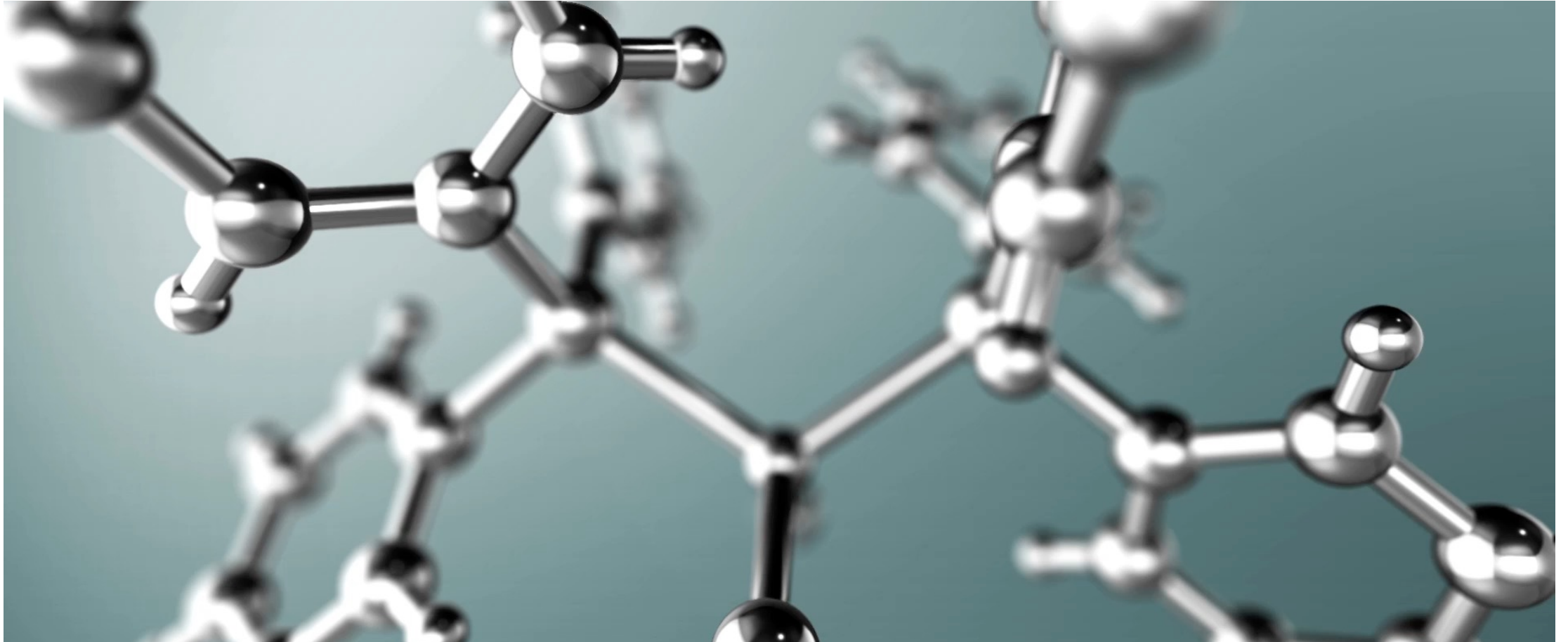
- Analysis of the curricula was carried out in 2 sectors: IT and telecommunication, Agriculture

Online survey for teachers

- We developed an online questionnaire for teachers and run the survey in 4 countries
- Analysis of the results: TASK of today

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Selected sectors, curricula, subject

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Selected sectors, textbooks, subject

Agriculture and forestry (HU, DE)
IT and telecommunications (HU, IT)

Partner	Curriculum	Textbook	Subject	Topic	EQF	Company
JAC	Web Development	"Programming PHP, 4th edtion", by K. Tatroe and P. MacIntyre, O'Reilly Media Inc., 2020	Web programming	Back-end programming with PHP 1	Tertiary VET, EQF 5	???
PREMO	Foundation training for IT students	NONE	Introduction to programming	Python prog.	IVET EQF 3-4	DRDC
DEULA	Web Development	Fachstufe Landwirt (Subject Level Farmer)	Agriculture 4.0	?	CVET, EQF 3-4-5	PROMPT
MAKE-SZISZ	Foundation training for agriculture students	Introduction to agriculture, Introduction to horticulture, Technology in Horticulture (Ornamental horticulture)	Smart Greenhouses, linking weather station to greenhouse automation, drone soil testing	?	IVET, EQF 3-4	DRDC

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Next tasks

- Country reports in about 20 pages per country, in English.
- Comparative study in English, min. 20 pages.
- Closing R1

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Individual country reports

- Country reports in about 20 pages per country, in English.
- We use a common template created by iTStudy

Content¶

Comparative study will be prepared by iTStudy - in English, min. 20 pages

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Short summary of the VET System of the country

https://www.cedefop.europa.eu/en/projects/vet-europe/publications

GERMANY

https://www.cedefop.europa.eu/files/4184_en.pdf

Figure 5. **VET in the German education and training system in 2020**
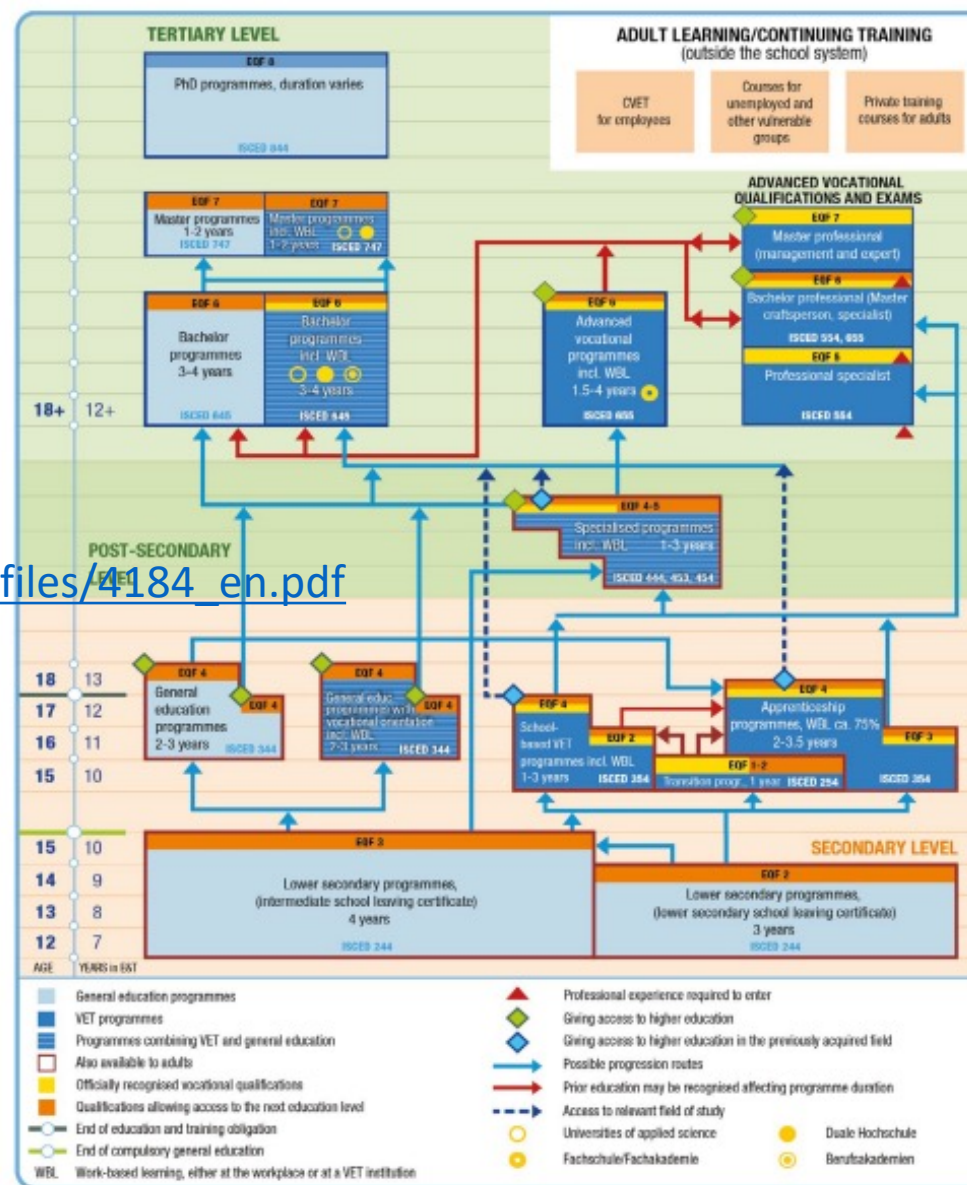
Closing Results

TASK	Responsible
Completing products	Coordinator
Preparing templates for the summary and for the newsletter	Coordinator
Preparing the description of the result (EN)	IO leader
Preparing newsletter 1,2,3 … (EN)	IO leader
Translating both	Partners
Publishing all language versions on the website	Coordinator
Dissemination, and recording the activity on the website	All partners

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Closing R1 - Imlementation

TASK	Deadline	Responsible	Collaborating
Providing template	2022. 07. 06.	iTStudy	PREMO
Country Reports			
Germany	2022. 07. 20.		DEULA
Italy	2022. 07. 20.		JAC
Hungary	2022. 07. 20.		
Comparative Study	2022 end of July	iTStudy	

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Closing R2 - Dissemination

TASK	Responsible	Deadline	Collaborate
Completing products: Country reports, comparative study	Coordinator		
Preparing IO description (EN)	MAKESZISZ		
Preparing newsletter (EN)	IO leader		
Translating both	JAC, DRDC, DEULA		
Publishing all language versions on the website	Coordinator		
Dissemination, and recording the activity	All partners		

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R2 - PBL with interdisciplinary approach – blended course for VET teachers

Activities:

- R2-A1: Curriculum and course design for blended learning
- R2-A2: Content development and review (EN, HU, DE, IT)
- R2-A3: Implementation and testing of the online learning environment
- R2-A4: Piloting the course with VET teachers in three countries (DE, IT, HU)

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Modules

1. Project-based learning
2. Digital Tools for VET project management
3. Innovative **assessment practices** for VET
4. Creation and innovative use of digital content for VET

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Key performance indicators:

- Curriculum of the PBL-based upskilling course for teachers at least in 10 pages in four languages (EN, DE, HU, IT)
- Digital learning content in 4 modules in 4 languages, in an estimated size of 20 pages per module.
- At least 5 teachers completing the training successfully in Italy, and another 5 in Germany. Min. 15 teachers completing the training successfully in Hungary.
- Successful completion means above 75% overall performance in the online part of the course, plus mandatory participation at the practical session.
- Evaluation of teacher training by participants: min. 80% overall satisfaction
- Accreditation of the training programme in Hungary in the teachers further training system.

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Gantt

		2021	2022	2023
R2 –PBL with interdisciplinary approach – blended course for VET teachers	iTStudy		███	
R3 – Labour market-oriented projects for students	DRDC		MEs	DE
R4 – Repository of re-usable digital micro-learning content for VET	DEULA			███
R5 – Mini-courses and projects of VET students	JAC			
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E2: Consulting/inviting VET teachers - Germany	P2-DEULA		15	
E3: Consulting/inviting VET teachers - Italy	P3-JAC		15	
E4: Consultation with companies - Hungary, Gödöllő	P6-DRDC		10	

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Multiplier event - dissemination

The following documentation is required for multiplier events:

- invitation letter

- programme of the event

- attendance sheet (signed by all participants)

- feedback - evaluation of the event by the participants using paper forms

- presentations

- photos

- short summary/report about the event in English

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40% Progress report Interim report 40% Final report 20%

	Deadline
1. Progress report 1st Reporting period: 1 of November 2021 – 31 of October 2022	Deadline of submission: Partners to Coordinator: 30 of November 2022 Coordinator to HNA: 31 of December 2022.
2. Interim report Reporting Period: 1 of November 2021 – 30 September 2023	Deadline of submission: Partners to Coordinator: 31 of October 2023, Coordinator to HNA: 31 of November 2023 The financial reports must prove the the 70% of the 1st 40% was spent.
3. Final Report Report Payment of balance –final payment (expected 20% of the total budget) Reporting Period: 1 of October 2023 – 31 of October 2024	Deadline of submission: Partners to Coordinator: 30 of November 2024 Submission of final report (uploading all outcomes) Coordinator to HNA: 31 of December 2024 + **60 days**

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Project basics

Title	Multidisciplinary, Project-based Digital Learning Content for VET
Acronym	VETPROFIT
Project ID	2021-1-HU01-KA220-VET-000025350
Program	Erasmus+ Cooperation Partnership
Target group	VET-schools' leadership, VET teachers/trainers, Companies (Agriculture and IT sectors)
Beneficiaries	VET students, Employers (Agriculture and IT sectors)
Partner countries	Germany, Italy, Hungary
Duration	01 November 2021 – 31 October 2024
Contact	iTStudy Hungary Education and Research Centre Ltd.

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Thank you for your attention!

Mária Hartyányi project coordinator
maria.hartyanyi@itstudy.hu

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