



Development of a Joint Qualification

Experience of the Project SHVET

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- Education and EQF 5
- SHVET methodology
- Joint educational program





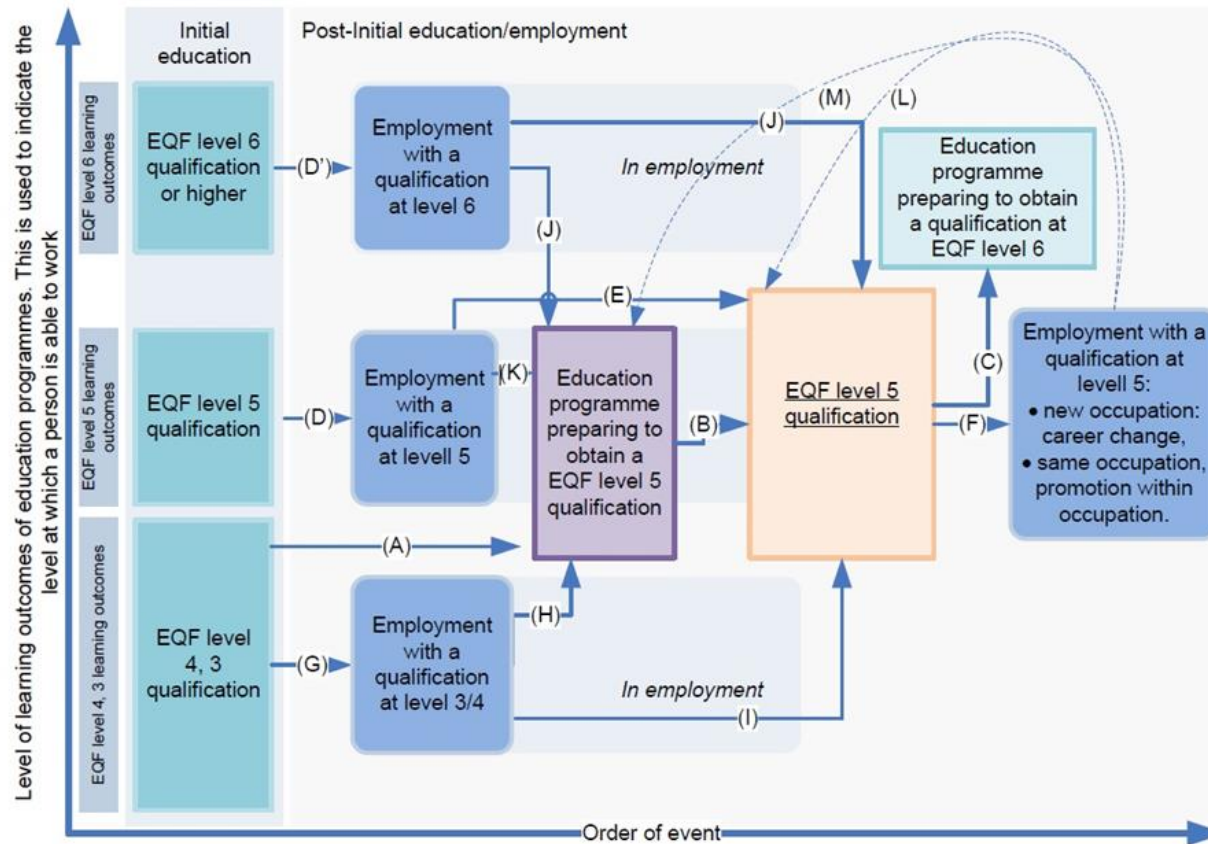
Education and EQF 5

- providing access to employment and career advancement
- enabling further learning and progression to higher education
- CEDEFOP about EQF5:
 - developed as response to increased needs for advanced technical and/or management skills
 - especially attractive to students with vocational education and training (VET) backgrounds and those already in employment
 - valuable and relevant by employers, as most include some form of work-based learning



EQF 5

Figure 3 Routes related to EQF level 5 qualifications



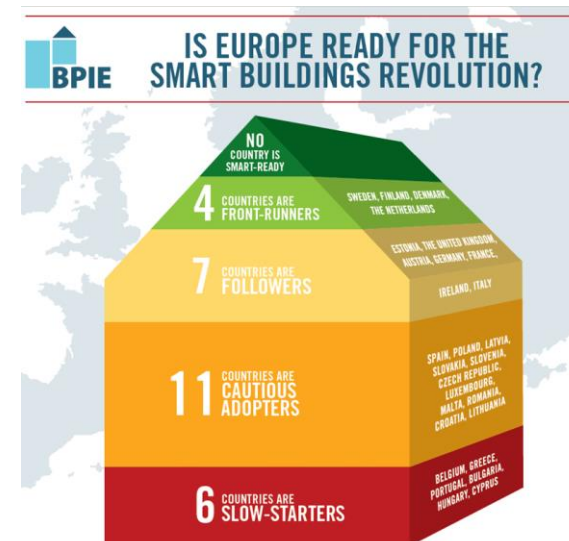
Source: Cedefop.



Project SHVET

Goal:

- to deliver a new joint HVET qualification of the *Expert in building automation* (EBA) which is in line with employers' present and future needs, based on WBL and integrating mobility of learners and workers



Source: Buildings Performance Institute Europe, "Is Europe ready for the smart buildings revolution?", 2017, www.bpie.eu



Partners

- Craft College
- University of Zagreb, Faculty of Electrical Engineering and Computing
- Regional Chamber of Craft and Small Business Krško
- School Centre Novo Mesto
- Institute of the Republic of Slovenia for Vocational Education and Training
- ECIPA scarl
- CENTOFORM Ltd

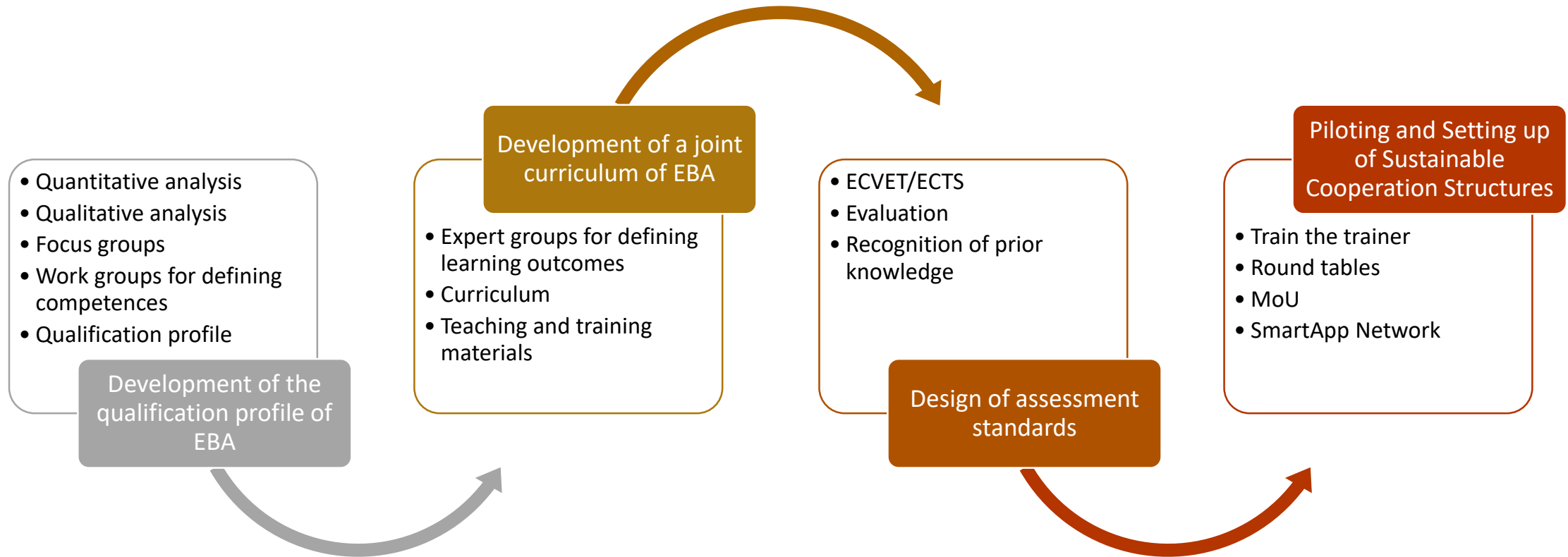
Associated partners:

- Agency for Vocational Education and Training and Adult Education (Croatia)
- Region Emilia-Romagna
- Istituto Tecnico Superiore - Territorio Energia Costruire



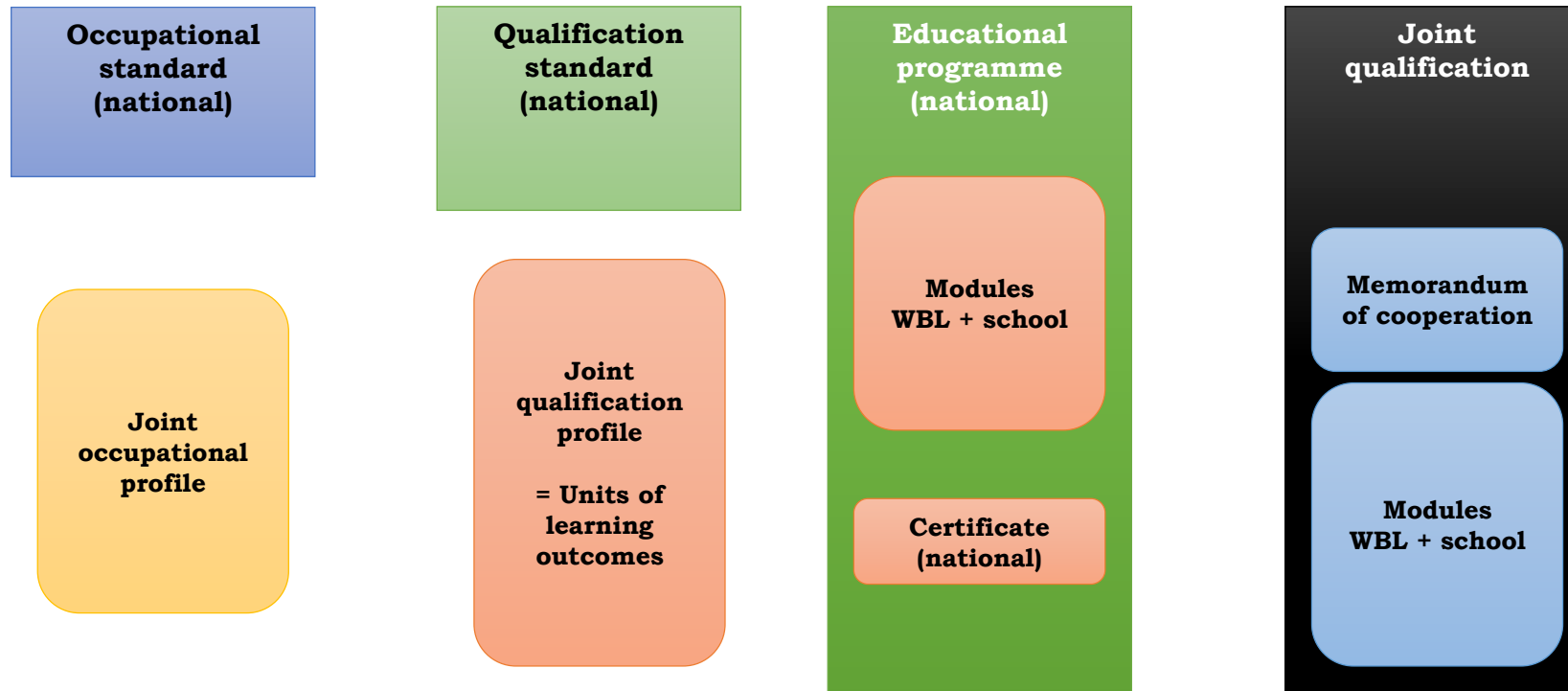


Project methodology





Development methodology





Development methodology

- Quantitative analysis
 - 35 questionnaires for employers per country
 - Challenges:
 1. response rates
 2. extensive questionnaire in HR – personal info, tasks + knowledges, key competences, generic skills, characteristics of the workplace = >80 questions
- Qualitative analysis
 - Strategic, sectorial and analytic overview



Development methodology

- Focus Groups
 - 3 national + 1 joint
 - Review of the questionnaire analysis, deeper insights into the topic with special attention to tasks + knowledges
 - Draft definition of the EBA



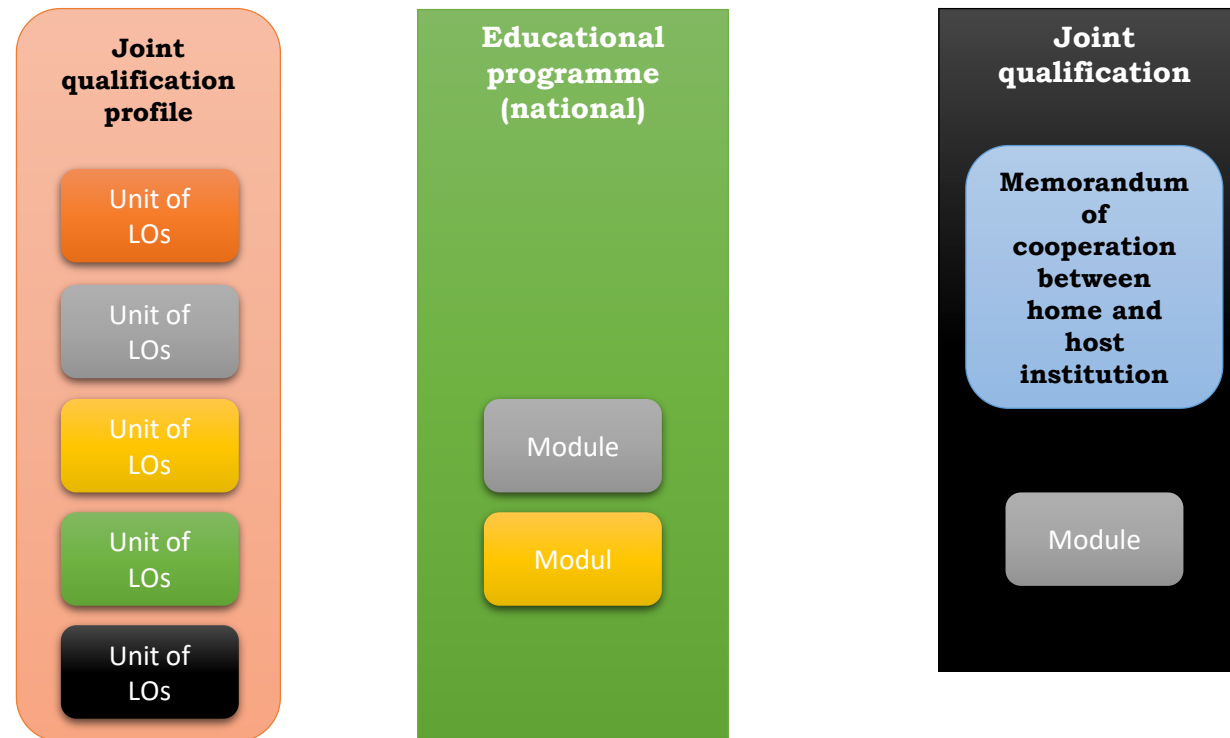
- Workshop Key tasks
 - 3 national + 1 joint
 - Competences level appropriate?

COUNTRY 3	
Communication and teamwork	<ul style="list-style-type: none"> • Estimate the duration of tasks assigned to the team • Perform operational tasks to accomplish goals and schedules • Report on the implementation of assigned tasks • Effectively communicate with other project team members and designers • Report on identified problems/difficulties/risks in the implementation of assigned tasks • Encourage interaction, open communication and innovation in the team • Provide support to the team • Use digital co-ordination and collaboration solutions • Communicate in English at B1 level of the Common European Framework of Reference for Languages
Communication and customer support	<ul style="list-style-type: none"> • Record the current state • Collect and document customer needs by direct communication with customers • Inform users about the status / level of problem • Educate the end user
Project work	<ul style="list-style-type: none"> • Interpret the fundamentals of the project life cycle • Participate in the design of a project plan • Create specifications according to identified needs • Coordinate project activities and report on their realization
Applying procedures of quality management	<ul style="list-style-type: none"> • Perform security and reliability control of BA devices/system according to the technical documentation • Perform service testing of BA circuits and / or systems • Follow and apply standards and legal regulation • Confirm the functionality of the in-built BA equipment • Monitor technological development in the field of business and related activities

- Qualification standard
- Expert groups for curriculum development



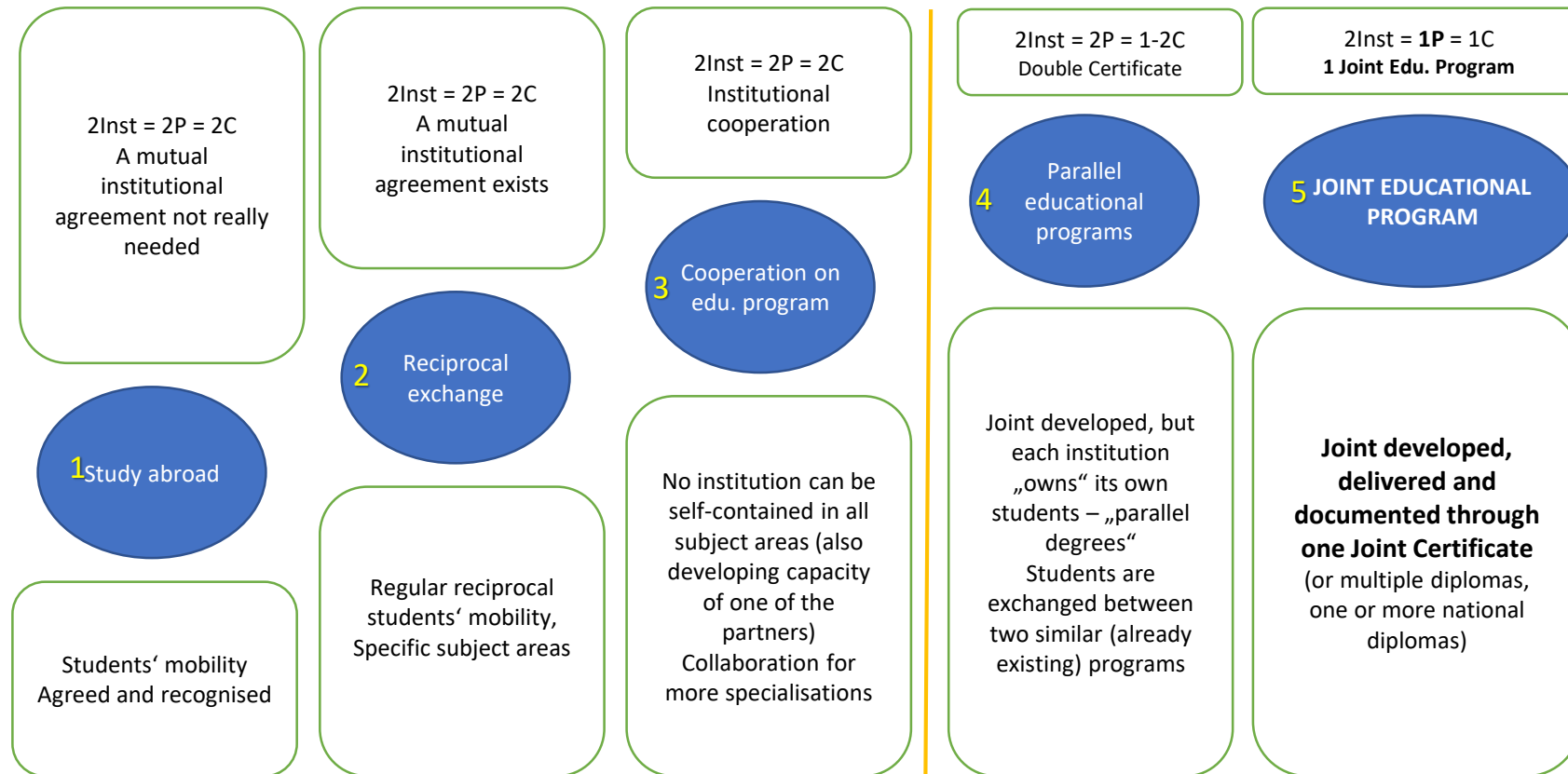
Development of the curriculum





Joint educational program – levels of integration and international cooperation

Source: Frank Moe





Key messages

- Clearly define reasons for entering in a joint program
- Know the national regulations of all participating institutions
- Select partners based on their expertise, trust and commitment
- Organise and plan sufficient meetings in advance
- Jointly define the learning outcomes, curriculum, recognition
- Offer a specialist, innovative curriculum and thus increase the employability of students
- Develop a cooperation agreement



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Thank you for your attention!

Questions?

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