

Making the CLARIN Training Materials FAIR-By-Design

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¹CLARIN ERIC

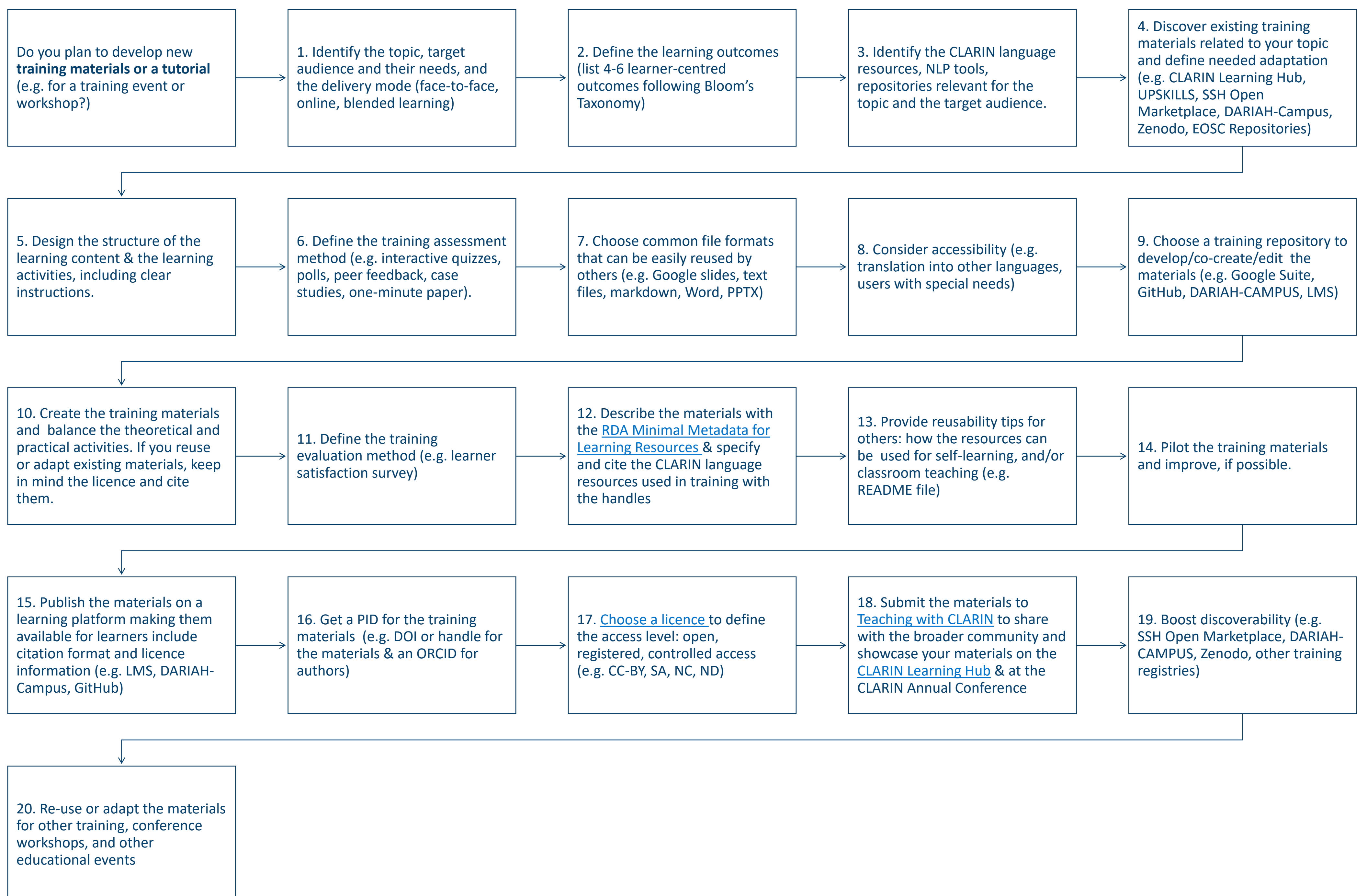
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Motivation and Background

At CLARIN, training events and workshops occur each year to educate stakeholders on using the infrastructure for language research, teaching, data sharing, and archiving. Training materials usually include handouts, presentations, tutorials, and videos. However, the training materials are not always easily findable, accessible and reusable because they are not developed and hosted in a central CLARIN training repository. Based on our curation experience of training materials in different projects ([SSHOC](#), [UPSKILLS](#)) and collaboration with task forces who aim to make training materials FAIR-by-Design (e.g. [ELIXIR FAIR Training Handbook](#), [Skills4EOSC](#), OpenAire Community of Practice), we propose the following workflow and a metadata set for the description of the CLARIN training materials.

Proposed Workflow for Making the CLARIN Training Materials FAIR-by-Design



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github.com/clarin-eric

CLARIN ERIC was established in 2012 and received ESFRI Landmark status in 2016

Workflow based on:

- Filiposka, S., et al. (2023). Draft Methodology for FAIR-by-Design Learning Materials (1.2). Zenodo. <https://doi.org/10.5281/zenodo.7875541>
- Holinski, A., et al. (2023, August 11). ELIXIR FIAR Training Handbook. Zenodo. <https://doi.org/10.5281/zenodo.8239572>

Metadata to describe the CLARIN Training Materials

Title	The title of the training material.
Abstract/Description	Describe the topic, general goals and objectives of the training materials.
Author (s)	Name of entity (ies) authoring the materials.
Contributor (s)	Name of entity (ies) contributing to the development of the training materials.
(Sub)discipline (s) & Topic	Indicate the (sub)discipline or cluster & the topic (e.g. social sciences/research data management).
Training Material Type	Indicate the type of training material (e.g. presentation, tutorial, e-learning module, course, unit/lesson, report, video, webinar, slides, game).
Primary Language	Indicate the language (s) in which the materials were originally published or made available. If the training material is in a language other than English, please include an English summary in the ReadMe file.
Keywords	Keywords describing the training materials to improve search and discoverability.
Workload (in ECTS, if applicable)	Describe the structure of the materials and the settings in which to deliver them, including the time allocated to each part (lectures, exercises, etc.).
URL to Training Material	URL that resolves to the training materials or to a “landing page” for the materials that contains contextual information, including the direct resolvable link to the training materials, if applicable.
Persistent Identifier	The identifier assigned to the materials, e.g. DOI, Handle, ARK.
Target Audience	Principal users for which the training material was designed.
Target Skills Level	Target skill level in the topic being taught (e.g. beginner, intermediate, advanced).
Training Material Type	Indicate the type of training material (e.g. presentation, tutorial, e-learning module, course, unit/lesson, report, video, webinar, slides, game).
Learning Outcomes	Describe what knowledge, skills and abilities a learner should acquire upon completing the training/course. Please use Bloom’s Taxonomy to describe the outcomes.
CLARIN Resources Used in the Training	Cite the CLARIN resources, NLP tools, repositories and other services used in the training/course.
Facilities Required	Technical resources and related materials (software requirements, access to specific datasets or infrastructure services)
Licensing and (Re)use Details	The licence under which the materials are shared, and rules and conditions for (re) use and contribution.
Preferred Citation	Instructions on how to cite your material.
Creation Date and Last Revision	Indicate the creation and last modification date of the training material.
Version Number, if applicable	Version date for the most recently published material.



Based on:

Hoebelheinrich, Nancy J, et. al. (2022).
Recommendations for a minimal metadata set to
aid harmonised discovery of learning resources
(1.0). <https://doi.org/10.15497/RDA00073>