

— FAUstairs Blue Note\* —

# The FAUstairs Glossary Extraction and Curation Process

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## Abstract

We describe the initial ideas for the FAUstairs glossary extraction and curation process and the workflows and tooling we envision to support it.

This blue note is (supposed to be) a living document that describes the current state of the discussion, to serve as an implementation guide and initial documentation for the GloX tool ecosystem.

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\*Inspired by the “blue book” in Alan Bundy’s group at the University of Edinburgh, FAUstairs blue notes, are documents used for fixing and discussing  $\epsilon$ -baked ideas in projects by the FAUstairs group (see <http://kwarc.info>). Unless specified otherwise, they are for project-internal discussions only. Please only distribute outside the FAUstairs group after consultation with the author.

# 1 Introduction

A Central part of the FAUstairs project (“Formative Assessment for Universities: Strategic Application of Innovative Methods to Raise Study Success Rates” see <https://faustairs.fau.de>) is the development and curation of a **domain model** – i.e. a set of key concepts and their definitions – for large portions of the courses at FAU (and the development of added-value services on top of that to establish formative assessment).

In the following we describe the information sources, the glossary extraction and curation workflows and the GloX tool ecosystem.

## 2 Information Sources and Stakeholders

The main sources of information for the FAUstairs domain model are the following<sup>1</sup>:

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1. the module descriptions in Campo: <https://campo.fau.de>
2. the course infrastructure and curriculum data on StudOn: <https://studon.fau.de>
3. the course materials of the instructors.

The first two are available via the DIP system, a centralized infrastructure and data store for synchronization of the FAU learning administration systems provided by the FAU RRZE.

The stakeholders in the GloX process are<sup>2</sup>

EdN:2

1. The **degree programs** represented by the program directors (the faculty member formally in charge), the program coordinators and maybe the study advisors.
2. The **departments** that host the degree programs, represented by their speakers and the department manager.
3. The instructors of the mandatory courses of a degree program; here we include the persons who organize the tutorials, homeworks, and (summative) assessments.

## 3 Workflow

## 4 The GloX Tool Ecosystem

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<sup>1</sup>EdNOTE: MK: I am sure there are more, need to extend

<sup>2</sup>EdNOTE: MK: there must be more; extend