

# **Health Research Portals**

**SQL Database**

**Enhanced-Entity Relationship Models**

**June 2014**



The Health Research Portal (HRP) is based on the version 2.3.6 of the Open Journal System (OJS) of the Public Knowledge Project:

<https://pkp.sfu.ca/ojs/>

Since the beginning of the project a lot of modifications occurred. The last version of the source code is currently available at the following git repository:

<https://github.com/elavaud/hrp>

Not only the source code but also the SQL database has been modified. Some tables or fields have been removed, some have been added, some have been modified and some are useless or currently unused by the Health Research Portal.

The current version of the database possesses 109 tables. The following diagrams will present only the major ones.

The names of the tables or fields originated from OJS do not always match their use by the HRP. Please keep in mind that:

- An “article” (sometimes called “submission”) is a research proposal;
- An “author” is an investigator of a research.  
Reminder: The user submitting the research proposal is not always an investigator of the research. Similarly an investigator does not always possess an account inside the HRP. It is therefore important to well distinguish an “Author” and a “User”.
- A “section” is a review committee;
- A “section editor” is a secretary of a committee; and
- A “section decision” is a decision of a committee concerning a specific round of review of a research proposal.

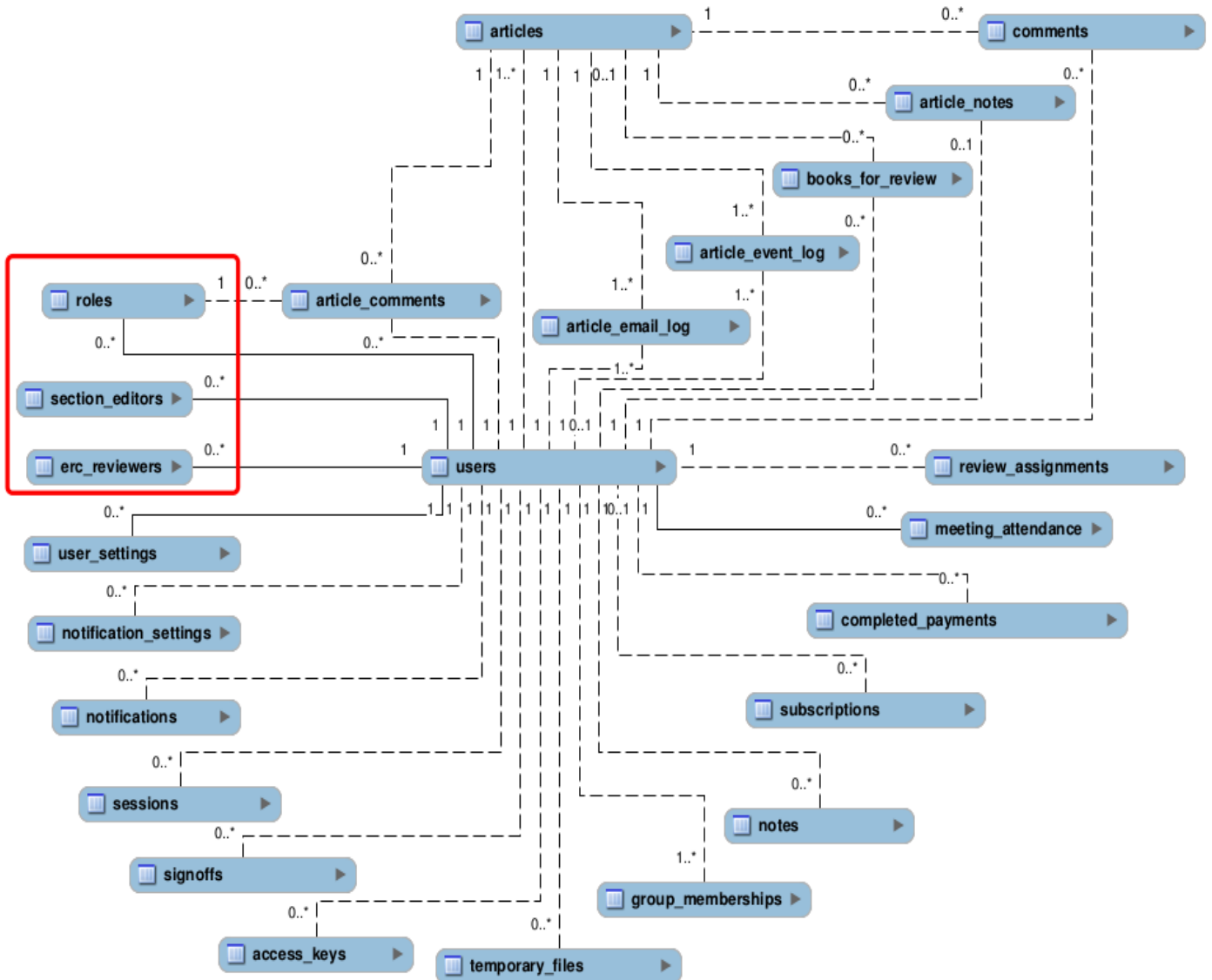
OJS allows to manage multiple journals with only one system. By looking at the database you will see a table “journals” that is referred by numerous different tables in order to distinguish which information belong to which journal.

However the HRP do not need this particularity and the development team avoided to make any reference to it. A long term plan is to get rid of this table.

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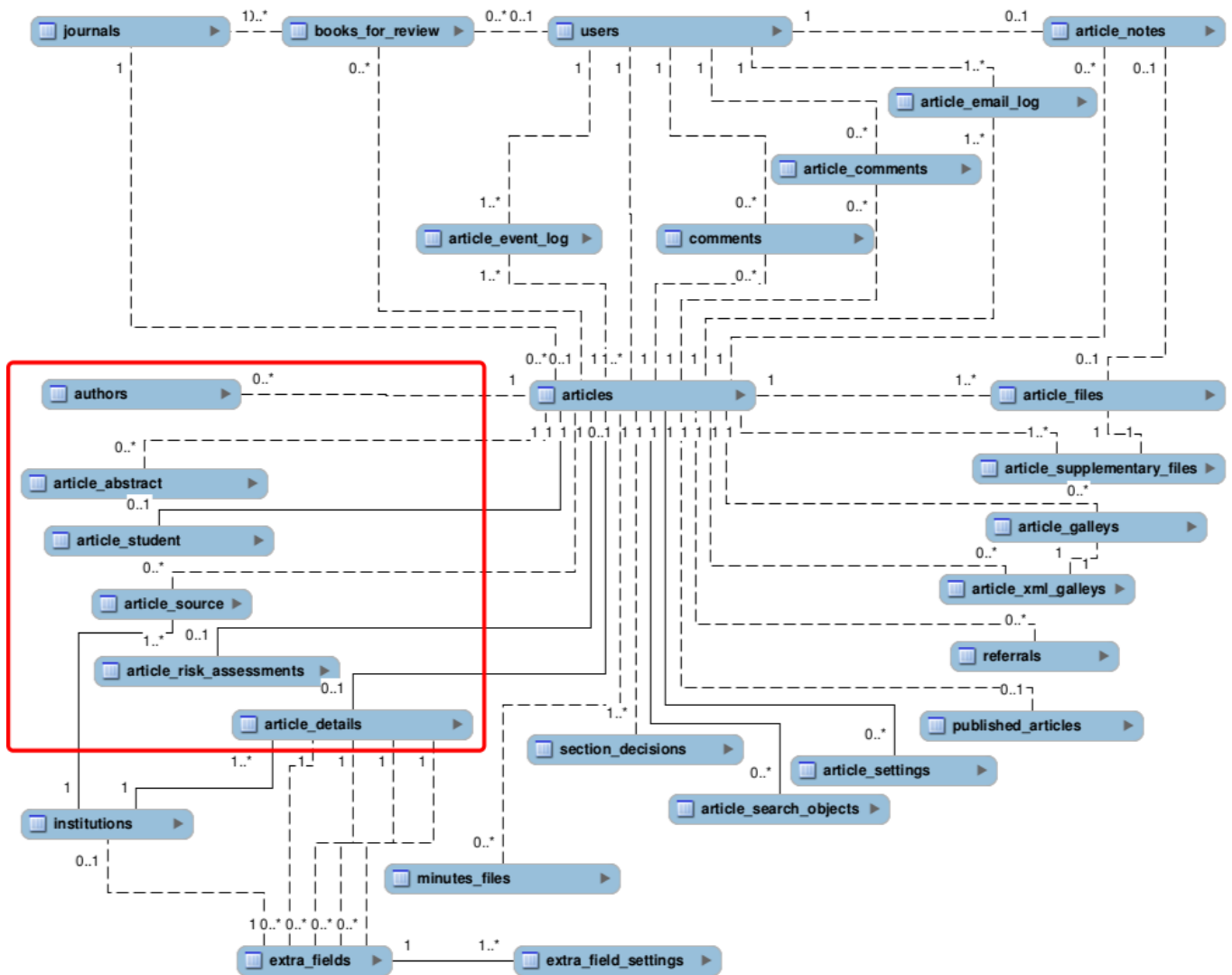
## I. User Perspective



A lot of relations exists between a research proposal (an “article”) and a user. It is important to note that a user can be related to a research because of different reasons (and therefore, different tables / fields): or by being the submitter of the proposal, or by being involved in its review.

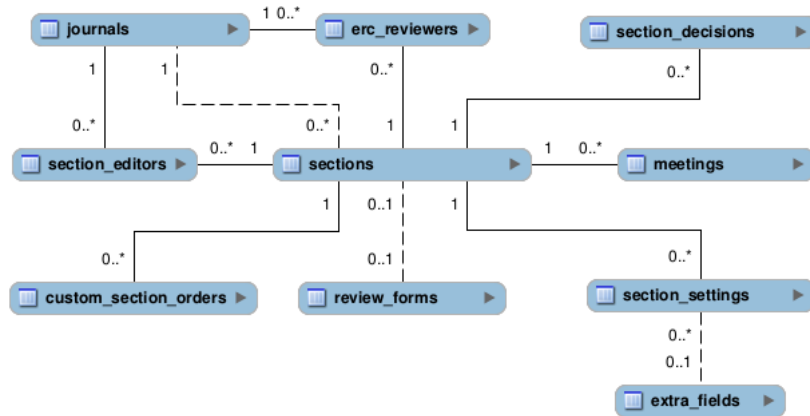
The red frame above highlights the tables involved in the distinction of the “roles” of the users. The table “roles” gives the basic permissions (investigator, administrator, reviewer...). The 2 other tables specify with which committee(s) the secretary or the reviewer is working.

## II. Research Proposal Perspective

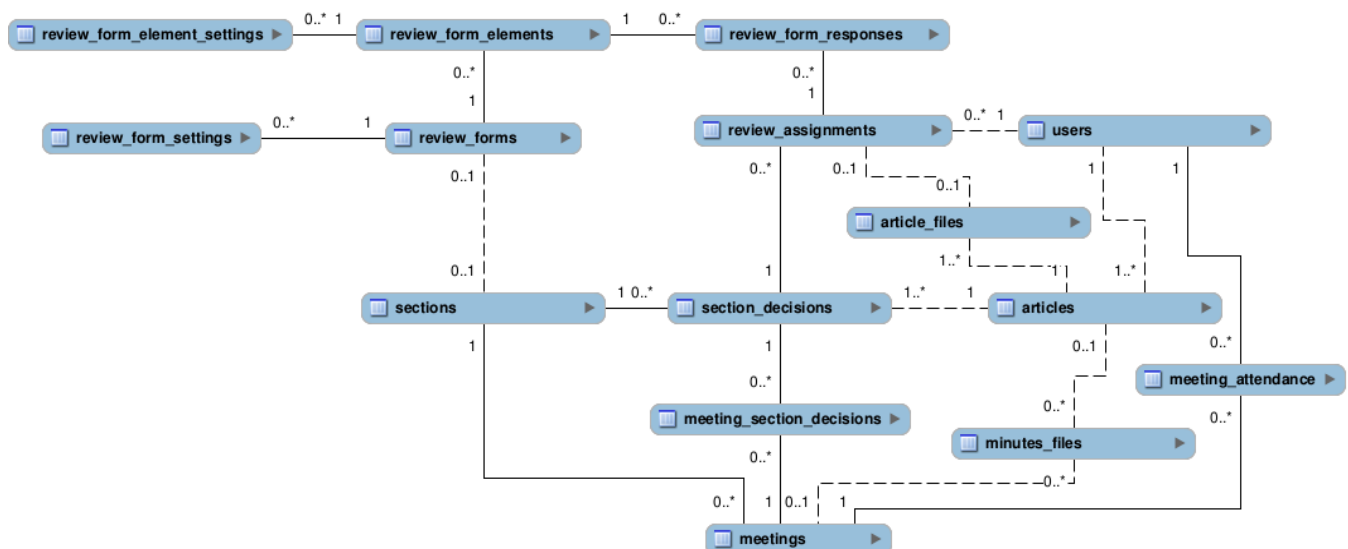


The red frame above highlights the meta-data entered by the investigator during the submission process.

### III. Review Committee Perspective



### IV. Committee Decision Perspective



## V. Miscellaneous

