AUTHORS

This table does not contain actual author data besides e-mail addresses. Rather, it is a relationship table between **DOCUMENT** and **PERSON**. Each record in this table describes a "Person was an author of Document" relationship. That being said, both the **PERSON** and **AUTHORS** tables are being referred to when mentioning authors in this article.

Authors are parsed primarily out of the "AU" ISI field, which all valid ISI datasets should contain, but they can also be parsed out of References. The remainder of this article will speak as if parsing out of the "AU" field.

If provided, full author name data is parsed out of the "AF" field, which is expected to contain as many entries as the "AU" field. Entries in both fields are matched by the order they were listed; there is no error checking/correction if the orders mismatch.

If provided, the e-mail address data is parsed out of the "EM" field, which is expected to contain either as many entries as the "AU" field or one entry. If the number of entries in both fields match, the entries are matched by the order they were listed (similarly to full author names). Otherwise, the first (or only) e-mail address is used for all authors.

The abbreviated name fields in the **PERSON** table (*FAMILY_NAME*, *FIRST_INITIAL*, *MIDDLE_INITIAL*, and *UNSPLIT_NAME*) are parsed from the "AU" field. This article describes how the "AU" field is parsed. Note: Even when the "AF" field is supplied, the *FAMILY_NAME* is parsed out of the "AU" field.

The full name fields in the **PERSON** table (*ADDITIONAL_NAME*, *FULL_NAME*, and *PERSONAL_NAME*) are parsed from the "AF" field. This article describes how the "AF" field is parsed.

This table contains the following fields:

- *AUTHORS_DOCUMENT_FK*: The foreign key into the **DOCUMENT** table.
- *AUTHORS_PERSON_FK*: The foreign key into the **PERSON** table.
- *EMAIL_ADDRESS*: Parsing/handling of e-mail addresses is described above.
- *ORDER_LISTED*: The order in which this author was listed in the "AU"/etc. fields. Currently is 0-based (so the first is 0, the second 1, etc.), though that is likely to change soon.

In the various built-in extractions, when Authors are specified in the "AU" field, they are considered to be inner authors. When they are specified as part of reference strings and are not merged, they are considered to be outer authors.

See DOCUMENT, PERSON, REFERENCE, How Abbreviated Names are Parsed, and How Full Names are Parsed for additional details.