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## Bib, item, and course record connections

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  - **Product:** Aleph
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### Question

How are bib, z30 (Item), z108 (Course), and course doc records connected to each other?

### Answer

The xxx30 course doc record is connected to the ADM/item record via an ITM link if the item is owned by the library and has an xxx01 bib record. Otherwise, as in the case of a professor's copy, the link is an ADM-type link. These links can be seen in util f/3/12 ("Display Links Associated with a Record").

The xxx50 z108 (Course) record is linked to the xxx30 Course doc record via xxx30 z11 (Direct index) "CNO" and "CNO-S" index entries. These CNO fields can also be seen in the xxx30 Course doc record itself.

The Course doc record can be viewed in xxx30 util f/4.

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### Additional Information

Examples:

ADM# 000344906 is linked to xxx30 doc 000018879 via an ITM link:

```
ENTER HOME LIBRARY : xxx50
ENTER DOC-NUMBER : 000344906
XXX01 000344906 ADM
XXX30 000018879 ITM
```

And xxx30 doc# 000018879 has z11 CNO records for course HAR3680:

```
SQL-xxx30> select z11_rec_key from z11 where z11_doc_number = '000018879' and
z11_rec_key like 'CNO%';
**** Hit return to continue ****
```

```
Z11_REC_KEY
```

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```
CNO-SHAR3680 0002
000018879
```

```
CNO HAR3680
000018879
```

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