

The component processor uses a specific set of rules to do this.

If a field from a record is referenced on a page, then **all fields/columns** from that record definition and all rows that are subordinate to the search key are retrieved into the component buffer.

There are, however, a few exceptions to this rule. The first exception has to do with the data at level 0. If the only fields at level 0 are the search key and alternate search key, then the component processor will only retrieve those fields and not the entire row. However, if there is at least one field that is not a search field on the page at level 0, the component processor will retrieve the entire row and load it into the buffer.

The second exception deals with related fields. If you have a related field on the page, the component processor will only retrieve that field from the database and place it in the buffer. It will not bring in any other columns or rows from the record definition associated with the related display.

Other fields may also be retrieved. These fields consist of the following types of fields:

- **Derived/Work Field**
- **Translate Table Field**