

Part 5: Early Numbering Deep Dive

The Concept

Early Numbering means the primary key (ID) is generated **before** the final save, typically at the moment the user initializes the creation.

Why use it?

In a **Draft** scenario, the system needs a key to store the draft version in the draft table. If we relied on the database to generate the ID (Late Numbering), we wouldn't have an ID for the draft.

Implementation

1. **BDEF:** Add `early numbering` and make the key field `readonly`.
2. **Class Method:** `early_numbering_create`.
 - **Logic:** Find the max existing ID and increment it.
 - **Mapping:** We must map the temporary ID (`%cid`) to the new permanent ID (`product_id`).

The Critical Fix

When mapping the result, we **MUST** include `%is_draft`.

```
APPEND VALUE #( %cid          = <entity>-%cid
                 %is_draft    = <entity>-%is_draft  <-- CRITICAL
                 product_id    = max_id ) TO mapped-ziw_products.
```

Without this, the framework doesn't know if the new ID belongs to the draft or the active entity, leading to a dump.