

# Hardware revision

Module name : mrp\_hardware\_revision ?

Depend : mrp

## Datamodel :

New object product.hardware.revision :

- M2O to product.template
- Name (unique per product template, required)
- start date
- comment

Product template :

- hardware revision required (bool, visible when tracking by serial or lot)

default value/onchange : set to the hardware revision to the highest name (only when

Product lot :

- M2O to product.hardware.revision (required if hardware revision required on related product)
- > inherit display\_name to suffix with product.hardware.revision

BOM :

- M2O to product.hardware.revision

Display a Warning when 2 BOMs of the same product have the same hardware revision ? Or add a unicity constraint ?

## Process :

- when creating a lot from a Production order :

- if the BOM is linked to a hardware revision, set this hardware revision
- otherwise, set the hardware revision with the highest "name"

- on a BOM linked to a hardware revision, add a button that starts a wizard to create a new hardware revision :

- archive the current BOM
- duplicate the BOM and link the new BOM to the new hardware revision

## Remarks

- when receiving a product from a supplier, the default value for the field "product.hardware.revision" set by default the hardware revision with the highest "name"

## Questions

Instead of "hardware revision required" on product, we could have "Track hardware revision", which would display the field on lot and make it required. So we would have 2 possible modes for products :

- without hardware revision / never
- with hardware revision / always

We may want to define a hardware revision on BOM lines. But it's very difficult to handle on production orders: a raw material can have several lots that have different hardware revisions ; what do we do when we use a combination of hardware revision for raw materials that is not available on any BOM ? Accept but print a warning ?