

Dev bulletin 11/15

Currently there's a difference between FE and BE MS orders:

- for FE MS orders, the sales-ship-item stores product id of configurable-product; and store the SKU of the simple-product.
- for BE MS orders, the sales-ship-item stores product id of simple-product; and store SKU of the simple-product

Example: right is front-end, left is back-end. Same product orders; but data stored differently in database

	1	2
entity_id	518	517
parent_id	306	305
row_total	<null>	<null>
price	12.9500	12.9500
weight	0.2000	0.2000
qty	2.0000	2.0000
product_id	9859	9858
order_item_id	768	766
additional_data	<null>	<null>
description	<null>	<null>
name	16pc Smoked Salt Thins	Smoked Salt Thins
sku	THINS-SMOKED-SALT-16PC	THINS-SMOKED-SALT-16PC
accpac_sku	<null>	<null>
product_notes	<null>	<null>

To address this difference; in reports; we currently need to UNION two queries. For example, ItemsOnOrderByItem:

app/code/Frans/AdminReport/Controller/Adminhtml/Action/ItemsOrdByItemCsv.php

Query:

```
## # First set, pull from configurable prod. Because FE MS orders has
sales_shipment_item storing prod-id of CONFIGURABLE PROD, we need to union
this set. In the
# future we might want to rewrite either FE or BE to make sure they are
consistent
SELECT
# ,ss.entity_id,o.updated_at, o.entity_id,ssi.product_id
max(ssi.parent_id) example_shipment_id,max(ssi.product_id)
example_product_id
,ssi.sku as prod_sku,max(ce_vc.value) as product_name # 9/27
,max(aovcolor.value) color_title
,sum(ssi.qty) quantity #9/27 pull qty from configurable prod

FROM sales_shipment_item ssi
JOIN catalog_product_entity pconf ON pconf.entity_id=ssi.product_id AND
pconf.type_id ='configurable'

UNION
## Second set, pull from simple prod
SELECT
# ,ss.entity_id,o.updated_at, o.entity_id,ssi.product_id
max(ssi.parent_id) example_shipment_id,max(ssi.product_id)
example_product_id
,ssi.sku as prod_sku,max(ce_vc.value) as product_name # 9/27
,max(aovcolor.value) color_title
,sum(COALESCE(ssi_conf.qty,ssi.qty)) quantity #9/27 pull qty from configurable
prod, if any

FROM sales_shipment_item ssi
JOIN catalog_product_entity psimp ON psimp.entity_id=ssi.product_id AND
psimp.type_id ='simple'
```

Because FE MS orders has sales_shipment_item storing prod-id of CONFIGURABLE PROD, we need to union. In the future we might want to rewrite either FE or BE to make sure they are consistent.

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