

# 16. Scheduled Reallocator

**Produmex Manufacturing is a legacy product and Boyum IT Solutions no longer sells new installations for it.**

The Scheduled Reallocator will run on predefined times and reschedules the allocations of certain production orders.

## 16.1. Set up the Scheduled Reallocator

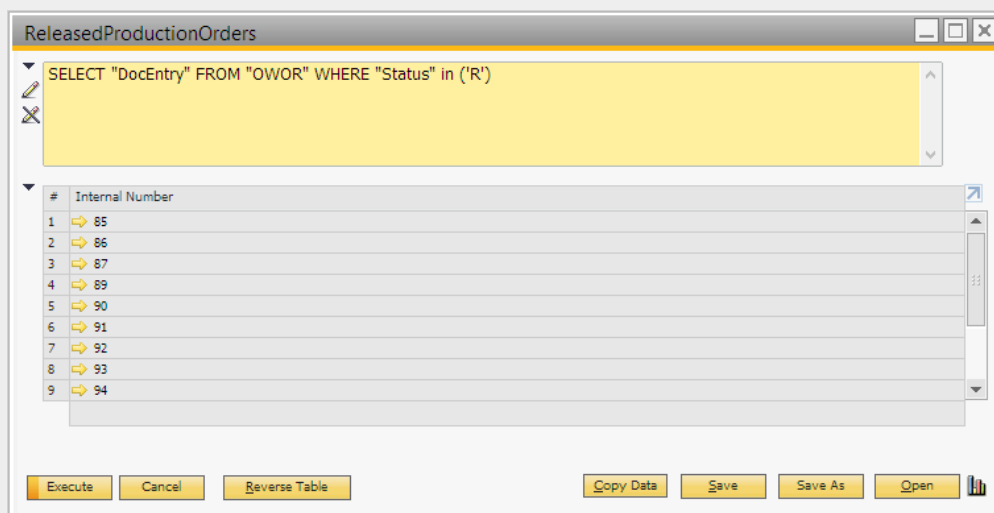
Configure the settings of the Scheduled Reallocator on the Scheduled Reallocator tab of Produmex Manufacturing settings.

Add the query for the Scheduled Reallocator with the Query Manager. Save it as the Query Name defined on the Scheduled Reallocator tab of Produmex Manufacturing settings.

In the example we will add the following query:

```
SELECT "DocEntry" FROM "OWOR" WHERE "Status" in ('R')
```

The query will get every released production order.



## 16.2. Reallocation

The Scheduled Reallocator will run on times defined and on the machine defined in the Scheduled Reallocator tab of Produmex Manufacturing settings.

If the add-on is not running at the defined time, the reallocation begins after the add-on is started.

When the scheduled reallocator runs, the system reschedules the production orders that are the result of the scheduled reallocator query.

In the example the allocations of the released production orders will be rescheduled.

Job Scheduling Control Panel

BEFORE REALLOCATION

| Daily                 | 07/26 (We) | 07/27 (Th) | 07/28 (Fr) |
|-----------------------|------------|------------|------------|
| waS<br>Assembler Team |            | 63/GPAS    | 81/GPAS    |
| waT<br>Assembler Team | 63/GPAS    | 63/GPAS    | 23/GPAS    |
| woD<br>John Doe       |            |            |            |

Job Scheduling Control Panel

AFTER REALLOCATION

| Daily                 | 07/26 (We) | 07/27 (Th) | 07/28 (Fr) |
|-----------------------|------------|------------|------------|
| waS<br>Assembler Team |            | 63/GPAS    | 81/GPAS    |
| waT<br>Assembler Team | 23/GPAS    | 63/GPAS    | 63/GPAS    |
| woD<br>John Doe       |            |            |            |

Ok

Cancel

### 16.3. Message

After the reallocation is finished, the SBO user selected as the as the Recipient on the Scheduled Reallocator tab will get a notification. The list of the allocation errors will be also included in the message.

<https://wiki.produmex.name/>

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Messages/Alerts Overview

Inbox

Outbox

Sent Messages

| ! Subject                                 | Date     | Time    | From    |  |  |
|---|----------|---------|---------|--|--|
| Scheduled Reallocator [07/26/17 10:36 AM] | 07/26/17 | 10:36AM | manager |  |  |
| Scheduled Reallocator [07/25/17 10:36 AM] | 07/25/17 | 10:36AM | manager |  |  |
| Scheduled Reallocator [07/25/17 10:36 AM] | 07/24/17 | 10:36AM | manager |  |  |
| Scheduled Reallocator [07/25/17 10:36 AM] | 07/23/17 | 10:36AM | manager |  |  |
|   |          |         |         |  |  |
|   |          |         |         |  |  |
|   |          |         |         |  |  |
|   |          |         |         |  |  |
|   |          |         |         |  |  |
|   |          |         |         |  |  |

Scheduled reallocator finished its job with the following error(s):

Allocation ERROR: AllocationError, quantity: 0.000000 of 5.000000 allocated, WorkCenters: wAS, wAT Date range: 12/30/1899 12:00:00 AM-12/30/1899 12:00:00 AM, Total segments: 0 hours (0), busy: 0 hours (0), free: 0 hours (0).

Allocation ERROR: AllocationError, quantity: 0.000000 of 5.000000 allocated, WorkCenters: wAS Date range: 12/30/1899 12:00:00 AM-12/30/1899 12:00:00 AM, Total segments: 0 hours (0), busy: 0 hours (0), free: 0 hours (0).

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