



Critical
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Resource Preference Step Group

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scheduling

Resource Preference Step Group

In certain situations, it may occur that the same Resource is able to perform a series of Steps for the same Material. Therefore, it may make sense to prioritize keeping the same Material in its current Resource for this series of Steps. This can be achieved by using the Resource Preference Step Group functionality, which ensures that the same Resource processes these Steps without sequence changes (i.e. another Material being processed in between these Steps, for example, due to having a higher priority than the original Material).

Info

This preference can be overridden in two cases: if there is a Time Constraint in risk of being violated, or if there is a Hotlot Material which needs to be processed in the Resource.

In order to implement the Resource Preference Step Group, it is necessary to:

- Set Resource as Preferred
- Define the Resource Preference Step Groups

Set Resource as Preferred

The Resource can be set as preferred by activating the property *Set Resource as Preferred* - this allows the Resource to be kept as preferred for any Material, while there are Steps with a Resource Preference Step Group configured.

Define the Resource Preference Step Groups

The Resource Preference Step Group is defined in two stages:

1. Create the Resource Preference Step Groups in the *ResourcePreferenceStepGroup* Lookup Table.
2. Associate Steps with a Resource Preference Step Group.

Once these groups are defined, then if a Material is scheduled to a Resource which has been set as preferred for a Step belonging to a Resource Preference Step Group, then that Resource should be scheduled for the remaining Step of that Resource Preference Step Group.



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