

Resource Master Determination Routine (Exit)

This section covers the following topics:

- Common Considerations
 - Exit Parameter List
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Common Considerations

It is possible to define a resource amount determination exit for each master resource. This covers also the so-called **physical resources**.

An invoking of the exit returns the **currently available amount** of the resource. The return of the initial amount is optional.

Initial amounts will not be used for normal prerequisite resource checks.

It is possible to use one exit for several (e.g., similar) master resources, because the name of the resource is passed as an input parameter to the exit.

The user may check whatever he needs to determine the resource amount. He may invoke Entire System Server views and / or check any database contents.

Note:

The user will be responsible for the **performance** of the coded exit.

After invoking the exit, the new available quantity will be stored in the resource master record. Triggering of passive waiters will only be done if the new quantity is different from the old one.

For details about the definition of a Resource Master Determination Exit, please see [here](#).

Resource Master Determination Exits can be enabled and disabled. If the usage of the exit is disabled for a resource, it behaves like a resource without exit.

Exit Parameter List

Please see the section Parameters Used for Different Call Places for the common parameter list for user routines.

The exit parameter list will contain:

- Return code (out)
- OK, determination successful
- Resource cannot be determined (permanent)
- Resource cannot be determined (temporary)
- Parameter(s) missing
- Return text (out)
- Resource name (in)
- Timestamp for which the evaluation is to be made (in). (Usually *TIMX will be passed.)
- Current maximum amount as known to NOP (in)
- Currently used amount (in)
- New maximum amount (out)

- New used amount (out).