

## Rule GAW004 – GenerateTransactionNbr

---

Apply when: Transactions database file

Subtask: r

Standard GAWDBObject subtasks:

'C' - on object creation

'R' - before referential integrity

'i'/'I' - before/after insert

'u'/'U' - before/after update

'd'/'D' - before/after delete

Sequence: 1 (Controls the order in which rules will be applied for a given subtask)

Java class:\*

This is the default generator for financial transaction numbers. It can function as the rule for either 'Transactions' subclass 't' or 'r'. This rule is called from the generateTransactionNumber() methods in the Transactions class.

If a Requirements object is available to the Rule, Rule parameters allow the configuration of the following for payment transactions:

By Requirement Type and Code

GenerateTransactionNbr.PmtGroup.<requirementType>/<requirementCode>=nluType

GenerateTransactionNbr.PmtPrefix.<requirementType>/<requirementCode>=prefix

GenerateTransactionNbr.PmtSuffix.<requirementType>/<requirementCode>=suffix

Or by asset account(cash on hand)

GenerateTransactionNbr.PmtGroup.<assetAccount>=nluType (Undeposited Funds)

GenerateTransactionNbr.PmtPrefix.<assetAccount>=prefix

GenerateTransactionNbr.PmtSuffix.<assetAccount>=suffix

GenerateTransactionNbr.PmtPrefix.Default=<default prefix>

GenerateTransactionNbr.PmtSuffix.Default=<default suffix>

PmtGroup can be used to group multiple requirement codes to use the same nluType, thus sharing a unique sequence of transaction numbers. PmtPrefix and PmtSuffix can be used to prefix and suffix the generated transaction number. 'P' is the default prefix for all payments if none is configured.

If no configuration is found or if no Requirements object is passed, this class will generate unique numbers based on the transaction type with no consideration given to requirement type and/or code.

### Rule Setup:

Apply when	Sub-task	Seq	JAVA class
<a href="#">Transactions</a>	R	1	<a href="#">equest.rules.GenerateTransactionNbr</a>

### Rule Parms:

GenerateTransactionNbr.PmtGroup.1001=C

GenerateTransactionNbr.PmtPrefix.1001=C