

## Create Rule for Office GUI Using SQL

If the 'New Rule' functionality is not working in Office GUI follow the below steps to create a new rule  
New Rule not Working

### Create Entry in Root Catalog for Planning Project Rules

```
DECLARE
vRuleCatalogEntry  TYPER_RE_RULECATALOGENTRY;
vDummy             VARCHAR2(400);
BEGIN
--
-- root catalog for planning project rules
--
-- let RUL set the standard fields
kmpRERuleCatalog.createRuleCatalog (
    pi_catalogIdProposal => 'NUCOR_PLANNING',
    pi_catalogName       => NULL,
    pi_parentId          => NULL,
    pi_position          => NULL,
    pi_usage             => 'NUCOR_PLANNING',
    pi_description       => 'NUCOR_PLANNING',
    pi_flagVersionMgmt   => GLO.FLAG_NO,
    pi_flagTemplate      => GLO.FLAG_NO,
    pi_flagRuleSet       => GLO.FLAG_NO,
    pi_flagVisible       => GLO.FLAG_YES,
    pi_catalogClass      => gloPRMDef.CATALOGCLASS || '_PRJ',
    pi_catalogSystem     => 'PRJMD',
    pi_catalogProperties => NULL,
    po_ruleCatalogEntry => vRuleCatalogEntry);
--
-- Set RULETOPIC to any value to avoid that they are called by standard
-- actions like allocation.
kmpRERuleCatalog.insertRuleCatalogProperties (
    pi_entryType      => vRuleCatalogEntry.ENTRY_TYPE,
    pi_catalogId      => vRuleCatalogEntry.CATALOGUE_ID,
    pi_ruleId         => vRuleCatalogEntry.RULE_ID,
    pi_ruleNodeId     => vRuleCatalogEntry.NODE_ID,
    pi_properties     => 'RULETOPIC',
    pi_propertyValues => gloPRMDef.SUBSYSTEM_PRM || '_PRJ');
--
-- Set descriptive text (also seen in standard rule dialog).
vDummy := kmpRERuleCatalog.updateCatalogText (
    pi_entryType => vRuleCatalogEntry.ENTRY_TYPE,
    pi_catalogId => vRuleCatalogEntry.CATALOGUE_ID,
```

```

        pi_ruleId      => vRuleCatalogEntry.RULE_ID,
        pi_ruleNodeId => vRuleCatalogEntry.NODE_ID,
        pi_lang       => 'en',
        pi_textType    => NULL,
        pi_text        => UNISTR('DDQ Rules'));
    COMMIT;
END;

BEGIN NULL; END;

-- may need to format depending on
-- the database management tool used

Update the rule name by changing the value of 'pi_text'
```

## Insert Rule Attributes and Properties

```

-- Insert rule attributes
INSERT INTO RE_RULE(
    RULE_ID,
    RULE_NAME,
    VERSION,
    USAGE,
    DESCRIPTION,
    CONTEXT_ID,
    STATUS,
    FLAGVERSIONMGMT,
    FLAGEXTERNAL
)
VALUES (
    UNISTR('8336D625847B40399CCBD5F5FA434430'),
    UNISTR('DDQ_PF'),
    UNISTR('1'),
    UNISTR('DDQ_PF'),
    UNISTR('DDQ Product Family'),
    UNISTR('PRM_DDQ_CTX'),
    UNISTR('INWORK'),
    UNISTR('N'),
    UNISTR('N')
);

-- Insert rule properties
INSERT INTO RE_NODE(
    NODE_ID,
    RULE_ID,
    NODE_NAME,
```

## DDQ Rule

Figure 1: DDQ Rule

```
DESCRIPTION,
USAGE,
SCOPE,
NODE_TYPE,
SCAN_KEY,
RESULT_TYPE,
SCANKEYLIST
)
VALUES (
  UNISTR('967DB91772D8425A84B8C0635181C5E8'),
  UNISTR('8336D625847B40399CCBD5F5FA434430'),
  UNISTR('DDQ_PF'),
  UNISTR('Start node for DDQ Product Family'),
  UNISTR('DDQ_PF'),
  UNISTR('LOCAL'),
  UNISTR('DECT'),
  UNISTR('find first'),
  UNISTR('NOP'),
  UNISTR('find first;find last; find all')
);

UPDATE RE_RULE SET START_NODE = UNISTR('967DB91772D8425A84B8C0635181C5E8')
WHERE RULE_ID = '8336D625847B40399CCBD5F5FA434430';

-- may need to format depending on
-- the database management tool used
```