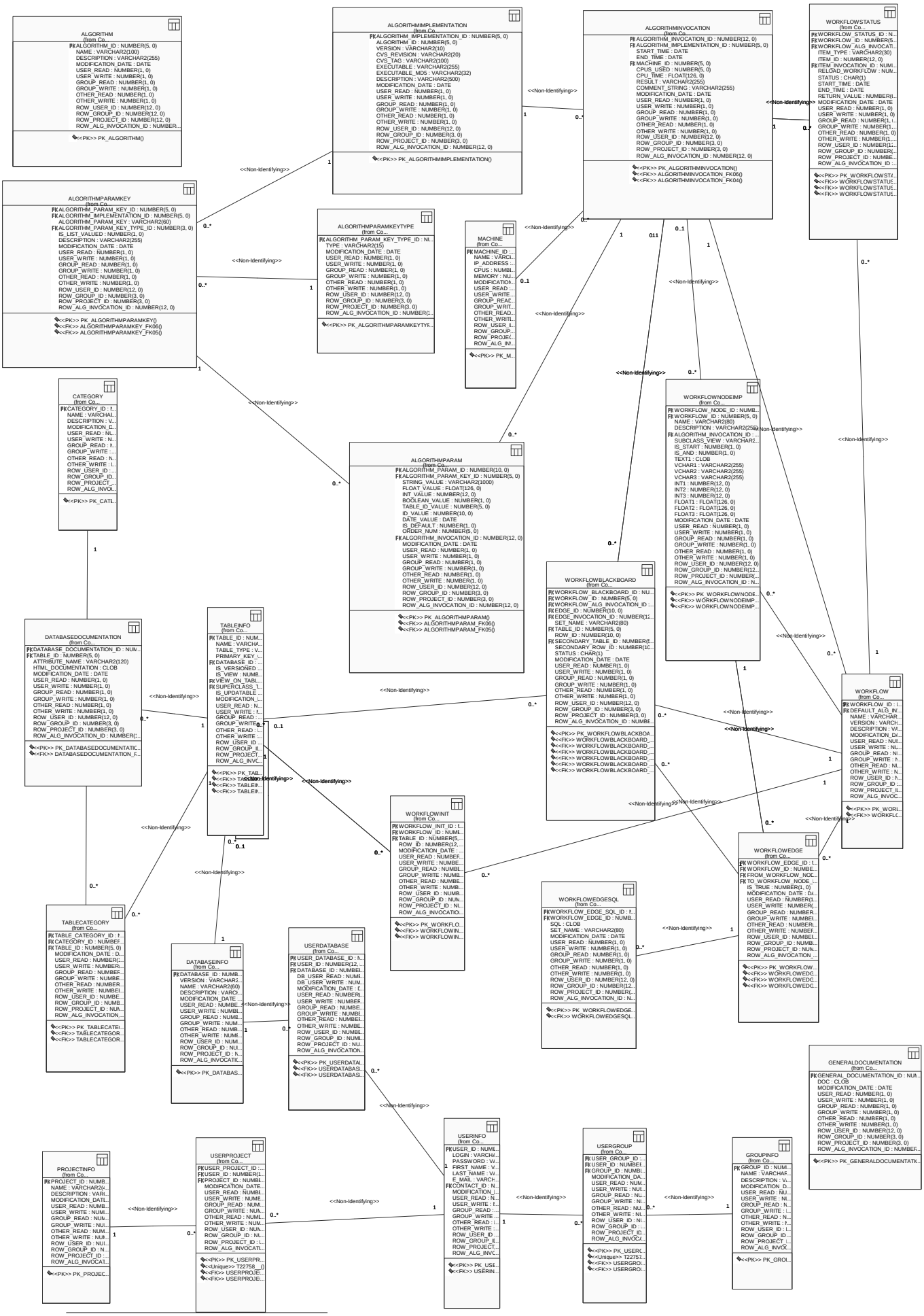
ALGORITHM (from Co...)
PK ALGORITHM_ID : NUMBER(5, 0)
NAME : VARCHAR2(100)
DESCRIPTION : VARCHAR2(255)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(12, 0)
ROW_PROJECT_ID : NUMBER(12, 0)
ROW_ALG_INVOCATION_ID : NUMBER...
<<PK>> PK_ALGORITHM()
ALGORITHMIMPLEMENTATION (from Co...)
PK ALGORITHM_IMPLEMENTATION_ID : NUMBER(5, 0)
ALGORITHM_ID : NUMBER(5, 0)
VERSION : VARCHAR2(10)
CVS_REVISION : VARCHAR2(20)
CVS_TAG : VARCHAR2(100)
EXECUTABLE : VARCHAR2(255)
EXECUTABLE_MD5 : VARCHAR2(32)
DESCRIPTION : VARCHAR2(500)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(12, 0)
<<PK>> PK_ALGORITHMIMPLEMENTATION()
ALGORITHMINVOCATION (from Co...)
PK ALGORITHM_INVOCATION_ID : NUMBER(12, 0)
FK ALGORITHM_IMPLEMENTATION_ID : NUMBER(5, 0)
START_TIME : DATE
END_TIME : DATE
FK MACHINE_ID : NUMBER(5, 0)
CPUS_USED : NUMBER(5, 0)
CPU_TIME : FLOAT(126, 0)
RESULT : VARCHAR2(255)
COMMENT_STRING : VARCHAR2(255)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(12, 0)
<<PK>> PK_ALGORITHMINVOCATION()
<<FK>> ALGORITHMINVOCATION_FK06()
<<FK>> ALGORITHMINVOCATION_FK04()
WORKFLOWSTATUS (from Co...)
PK WORKFLOW_STATUS_ID : N...
FK WORKFLOW_ID : NUMBER(5...
FK WORKFLOW_ALG_INVOCATI...
ITEM_TYPE : VARCHAR2(30)
ITEM_ID : NUMBER(12, 0)
FK ITEM_INVOCATION_ID : NUMI...
RELOAD_WORKFLOW : NUN...
STATUS : CHAR(1)
START_TIME : DATE
END_TIME : DATE
RETURN_VALUE : NUMBER(1...
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBE...
ROW_ALG_INVOCATION_ID :...
<<PK>> PK_WORKFLOWSTA...
<<FK>> WORKFLOWSTATUS...
<<FK>> WORKFLOWSTATUS...
<<FK>> WORKFLOWSTATUS...
ALGORITHMPARAMKEY (from Co...)
PK ALGORITHM_PARAM_KEY_ID : NUMBER(5, 0)
FK ALGORITHM_IMPLEMENTATION_ID : NUMBER(5, 0)
ALGORITHM_PARAM_KEY : VARCHAR2(60)
FK ALGORITHM_PARAM_KEY_TYPE_ID : NUMBER(3, 0)
IS_LIST_VALUED : NUMBER(1, 0)
DESCRIPTION : VARCHAR2(255)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(12, 0)
<<PK>> PK_ALGORITHMPARAMKEY()
<<FK>> ALGORITHMPARAMKEY_FK06()
<<FK>> ALGORITHMPARAMKEY_FK05()
ALGORITHMPARAMKEYTYPE (from Co...)
PK ALGORITHM_PARAM_KEY_TYPE_ID : NL...
TYPE : VARCHAR2(15)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(1...
<<PK>> PK_ALGORITHMPARAMKEYTYPE...
MACHINE (from Co...)
PK MACHINE_ID : ...
NAME : VARCH...
IP_ADDRESS : ...
CPUS : NUMBI...
MEMORY : NU...
MODIFICATION...
USER_READ : ...
USER_WRITE : ...
GROUP_READ : ...
GROUP_WRITE : ...
OTHER_READ : ...
OTHER_WRITE : ...
ROW_USER_I...
ROW_GROUP : ...
ROW_PROJEC...
ROW_ALG_INV...
<<PK>> PK_M...
CATEGORY (from Co...)
PK CATEGORY_ID : f...
NAME : VARCHA...
DESCRIPTION : V...
MODIFICATION_D...
USER_READ : NU...
USER_WRITE : N...
GROUP_READ : N...
GROUP_WRITE : ...
OTHER_READ : N...
OTHER_WRITE : I...
ROW_USER_ID : ...
ROW_GROUP_ID...
ROW_PROJECT_...
ROW_ALG_INVOC...
<<PK>> PK_CATE...
ALGORITHMPARAM (from Co...)
PK ALGORITHM_PARAM_ID : NUMBER(10, 0)
FK ALGORITHM_PARAM_KEY_ID : NUMBER(5, 0)
STRING_VALUE : VARCHAR2(1000)
FLOAT_VALUE : FLOAT(126, 0)
INT_VALUE : NUMBER(12, 0)
BOOLEAN_VALUE : NUMBER(1, 0)
TABLE_ID_VALUE : NUMBER(5, 0)
ID_VALUE : NUMBER(10, 0)
DATE_VALUE : DATE
IS_DEFAULT : NUMBER(1, 0)
ORDER_NUM : NUMBER(5, 0)
FK ALGORITHM_INVOCATION_ID : NUMBER(12, 0)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(12, 0)
<<PK>> PK_ALGORITHMPARAM()
<<FK>> ALGORITHMPARAM_FK06()
<<FK>> ALGORITHMPARAM_FK05()
WORKFLOWNODEIMP (from Co...)
PK WORKFLOW_NODE_ID : NUMB...
FK WORKFLOW_ID : NUMBER(5, 0)
NAME : VARCHAR2(80)
DESCRIPTION : VARCHAR2(255)
FK ALGORITHM_INVOCATION_ID : ...
SUBCLASS_VIEW : VARCHAR2...
IS_START : NUMBER(1, 0)
IS_AND : NUMBER(1, 0)
TEXT1 : CLOB
VCHAR1 : VARCHAR2(255)
VCHAR2 : VARCHAR2(255)
VCHAR3 : VARCHAR2(255)
INT1 : NUMBER(12, 0)
INT2 : NUMBER(12, 0)
INT3 : NUMBER(12, 0)
FLOAT1 : FLOAT(126, 0)
FLOAT2 : FLOAT(126, 0)
FLOAT3 : FLOAT(126, 0)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(12...
ROW_PROJECT_ID : NUMBER(...
ROW_ALG_INVOCATION_ID : N...
<<PK>> PK_WORKFLOWNODE...
<<FK>> WORKFLOWNODEIMP...
<<FK>> WORKFLOWNODEIMP...
DATABASEDOCUMENTATION (from Co...)
PK DATABASE_DOCUMENTATION_ID : NUM...
FK TABLE_ID : NUMBER(5, 0)
ATTRIBUTE_NAME : VARCHAR2(120)
HTML_DOCUMENTATION : CLOB
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER(1...
<<PK>> PK_DATABASEDOCUMENTATIC...
<<FK>> DATABASEDOCUMENTATION_F...
TABLEINFO (from Co...)
PK TABLE_ID : NUM...
NAME : VARCHA...
TABLE_TYPE : V...
PRIMARY_KEY : ...
FK DATABASE_ID : ...
IS_VERSIONED ...
IS_VIEW : NUMB...
FK VIEW_ON_TABL...
FK SUPERCLASS_T...
IS_UPDATABLE ...
MODIFICATION_...
USER_READ : N...
USER_WRITE : ...
GROUP_READ : ...
GROUP_WRITE : ...
OTHER_READ : I...
OTHER_WRITE : ...
ROW_USER_ID : ...
ROW_GROUP_IE...
ROW_PROJECT_...
ROW_ALG_INVC...
<<PK>> PK_TAB...
<<FK>> TABLEIN...
<<FK>> TABLEIN...
<<FK>> TABLEIN...
WORKFLOWBLACKBOARD (from Co...)
PK WORKFLOW_BLACKBOARD_ID : NU...
FK WORKFLOW_ID : NUMBER(5, 0)
FK WORKFLOW_ALG_INVOCATION_ID : ...
FK EDGE_ID : NUMBER(10, 0)
FK EDGE_INVOCATION_ID : NUMBER(11...
SET_NAME : VARCHAR2(80)
FK TABLE_ID : NUMBER(5, 0)
ROW_ID : NUMBER(10, 0)
FK SECONDARY_TABLE_ID : NUMBER(5...
SECONDARY_ROW_ID : NUMBER(10...
STATUS : CHAR(1)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBE...
<<PK>> PK_WORKFLOWBLACKBOA...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
<<FK>> WORKFLOWBLACKBOARD_...
WORKFLOW (from Co...)
PK WORKFLOW_ID : L...
FK DEFAULT_ALG_IN...
NAME : VARCHAR...
VERSION : VARCH...
DESCRIPTION : VA...
MODIFICATION_DA...
USER_READ : NUI...
USER_WRITE : NU...
GROUP_READ : NU...
GROUP_WRITE : N...
OTHER_READ : NU...
OTHER_WRITE : N...
ROW_USER_ID : N...
ROW_GROUP_ID ...
ROW_PROJECT_ID...
ROW_ALG_INVOC...
<<PK>> PK_WORL...
<<FK>> WORKFLO...
WORKFLOWINIT (from Co...)
PK WORKFLOW_INIT_ID : f...
FK WORKFLOW_ID : NUME...
FK TABLE_ID : NUMBER(5,...
ROW_ID : NUMBER(12,...
MODIFICATION_DATE : ...
USER_READ : NUMBER...
USER_WRITE : NUMBE...
GROUP_READ : NUMBE...
GROUP_WRITE : NUMB...
OTHER_READ : NUMBE...
OTHER_WRITE : NUMB...
ROW_USER_ID : NUMB...
ROW_GROUP_ID : NUM...
ROW_PROJECT_ID : NU...
ROW_ALG_INVOCATIO...
<<PK>> PK_WORKFLO...
<<FK>> WORKFLOWIN...
<<FK>> WORKFLOWIN...
WORKFLOWEDGE (from Co...)
PK WORKFLOW_EDGE_ID : f...
FK WORKFLOW_ID : NUMBE...
FK FROM_WORKFLOW_NOD...
FK TO_WORKFLOW_NODE_I...
IS_TRUE : NUMBER(1, 0)
MODIFICATION_DATE : DA...
USER_READ : NUMBER(1...
USER_WRITE : NUMBER(...
GROUP_READ : NUMBER...
GROUP_WRITE : NUMBEI...
OTHER_READ : NUMBER(...
OTHER_WRITE : NUMBEI...
ROW_USER_ID : NUMBEI...
ROW_GROUP_ID : NUMB...
ROW_PROJECT_ID : NUN...
ROW_ALG_INVOCATION_...
<<PK>> PK_WORKFLOW...
<<FK>> WORKFLOWEDG...
<<FK>> WORKFLOWEDG...
<<FK>> WORKFLOWEDG...
WORKFLOWEDGESQL (from Co...)
PK WORKFLOW_EDGE_SQL_ID : f...
FK WORKFLOW_EDGE_ID : NUMB...
SQL : CLOB
SET_NAME : VARCHAR2(80)
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(12...
ROW_PROJECT_ID : NUMBER(...
ROW_ALG_INVOCATION_ID : N...
<<PK>> PK_WORKFLOWEDGE...
<<FK>> WORKFLOWEDGESQL...
TABLECATEGORY (from Co...)
PK TABLE_CATEGORY_ID : f...
FK CATEGORY_ID : NUMBER(...
FK TABLE_ID : NUMBER(5, 0)
MODIFICATION_DATE : D...
USER_READ : NUMBER(...
USER_WRITE : NUMBER...
GROUP_READ : NUMBER...
GROUP_WRITE : NUMBE...
OTHER_READ : NUMBER...
OTHER_WRITE : NUMBEI...
ROW_USER_ID : NUMBE...
ROW_GROUP_ID : NUMB...
ROW_PROJECT_ID : NUN...
ROW_ALG_INVOCATION_...
<<PK>> PK_TABLECATEI...
<<FK>> TABLECATEGOR...
<<FK>> TABLECATEGOR...
DATABASEINFO (from Co...)
PK DATABASE_ID : NUMB...
VERSION : VARCHAR2...
NAME : VARCHAR2(60)
DESCRIPTION : VARCH...
MODIFICATION_DATE : ...
USER_READ : NUMBE...
USER_WRITE : NUMBE...
GROUP_READ : NUMB...
GROUP_WRITE : NUM...
OTHER_READ : NUMB...
OTHER_WRITE : NUM...
ROW_USER_ID : NUM...
ROW_GROUP_ID : NUM...
ROW_PROJECT_ID : N...
ROW_ALG_INVOCATIC...
<<PK>> PK_DATABAS...
USERDATABASE (from Co...)
PK USER_DATABASE_ID : N...
FK USER_ID : NUMBER(12, ...
FK DATABASE_ID : NUMBEI...
DB_USER_READ : NUME...
DB_USER_WRITE : NUM...
MODIFICATION_DATE : D...
USER_READ : NUMBERI...
USER_WRITE : NUMBER...
GROUP_READ : NUMBE...
GROUP_WRITE : NUMBE...
OTHER_READ : NUMBEI...
OTHER_WRITE : NUMBE...
ROW_USER_ID : NUMBE...
ROW_GROUP_ID : NUM...
ROW_PROJECT_ID : NU...
ROW_ALG_INVOCATION...
<<PK>> PK_USERDATAI...
<<FK>> USERDATABASI...
<<FK>> USERDATABASI...
GENERALDOCUMENTATION (from Co...)
PK GENERAL_DOCUMENTATION_ID : NUM...
DOC : CLOB
MODIFICATION_DATE : DATE
USER_READ : NUMBER(1, 0)
USER_WRITE : NUMBER(1, 0)
GROUP_READ : NUMBER(1, 0)
GROUP_WRITE : NUMBER(1, 0)
OTHER_READ : NUMBER(1, 0)
OTHER_WRITE : NUMBER(1, 0)
ROW_USER_ID : NUMBER(12, 0)
ROW_GROUP_ID : NUMBER(3, 0)
ROW_PROJECT_ID : NUMBER(3, 0)
ROW_ALG_INVOCATION_ID : NUMBER...
<<PK>> PK_GENERALDOCUMENTATIK...
PROJECTINFO (from Co...)
PK PROJECT_ID : NUMB...
NAME : VARCHAR2(...
DESCRIPTION : VARL...
MODIFICATION_DATE...
USER_READ : NUMB...
USER_WRITE : NUM...
GROUP_READ : NUM...
GROUP_WRITE : NUI...
OTHER_READ : NUM...
OTHER_WRITE : NUI...
ROW_USER_ID : NUI...
ROW_GROUP_ID : N...
ROW_PROJECT_ID : ...
ROW_ALG_INVOCAT...
<<PK>> PK_PROJEC...
USERPROJECT (from Co...)
PK USER_PROJECT_ID : ...
FK USER_ID : NUMBER(1...
FK PROJECT_ID : NUMBE...
MODIFICATION_DATE...
USER_READ : NUMBE...
USER_WRITE : NUME...
GROUP_READ : NUM...
GROUP_WRITE : NUN...
OTHER_READ : NUM...
OTHER_WRITE : NUM...
ROW_USER_ID : NUN...
ROW_GROUP_ID : NU...
ROW_PROJECT_ID : L...
ROW_ALG_INVOCATI...
<<PK>> PK_USERPR...
<<Unique>> T22758_...
<<FK>> USERPROJE...
<<FK>> USERPROJE...
USERINFO (from Co...)
PK USER_ID : NUME...
LOGIN : VARCHA...
PASSWORD : VA...
FIRST_NAME : V...
LAST_NAME : VA...
E_MAIL : VARCH...
FK CONTACT_ID : N...
MODIFICATION_I...
USER_READ : N...
USER_WRITE : f...
GROUP_READ : ...
GROUP_WRITE ...
OTHER_READ : I...
OTHER_WRITE ...
ROW_USER_ID ...
ROW_GROUP_IE...
ROW_PROJECT_...
ROW_ALG_INVC...
<<PK>> PK_USE...
<<FK>> USERIN...
USERGROUP (from Co...)
PK USER_GROUP_ID : ...
FK USER_ID : NUMBEI...
FK GROUP_ID : NUMBI...
MODIFICATION_DA...
USER_READ : NUM...
USER_WRITE : NUI...
GROUP_READ : NU...
GROUP_WRITE : N...
OTHER_READ : NU...
OTHER_WRITE : NU...
ROW_USER_ID : NU...
ROW_GROUP_ID : ...
ROW_PROJECT_ID...
ROW_ALG_INVOCA...
<<PK>> PK_USERG...
<<Unique>> T22757...
<<FK>> USERGROI...
<<FK>> USERGROI...
GROUPINFO (from Co...)
PK GROUP_ID : NUM...
NAME : VARCHAR...
DESCRIPTION : V...
MODIFICATION_D...
USER_READ : NU...
USER_WRITE : N...
GROUP_READ : N...
GROUP_WRITE : ...
OTHER_READ : N...
OTHER_WRITE : ...
ROW_USER_ID : L...
ROW_GROUP_ID : ...
ROW_PROJECT_...
ROW_ALG_INVOC...
<<PK>> PK_GROU...
<<Non-Identifying>>