PROMIS  
DB DEPLOYMENT DOCUMENT

Must take Backup of existing code for Every objects before Migrate changes.

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| --- | --- | --- | --- | --- |
| SCHEMA | TYPE | NAME | NEW/ MODIFIED | JIRA |
| IPMS\_DATA | TABLE | PROJECT | MODIFIED | PROMIS- 613 |
| IPMS\_REPO | MATERIALIZED VIEW | PROJECT\_DIM | MODIFIED | PROMIS- 613 |
| STUDY\_DIM | MODIFIED | PROMIS- 614 |
| IPMS\_REPO | VIEW | STUDY\_DIM\_VW | MODIFIED | PROMIS-614 |

1. Changes in DB

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| IPMS\_DATA |
| PROJECT |
| ALTER TABLE “IPMS\_DATA”. “PROJECT” ADD IS\_EXTERNAL\_PORTFOLIO NUMBER(1,0) DEFAULT 0 NOT NULL ENABLE; |
| IPMS\_REPO |
| IPMS\_REPO.PROJECT\_DIM (Materialized View) |
| CREATE MATERIALIZED VIEW "IPMS\_REPO"."PROJECT\_DIM" ("ID", "PROGRAM\_ID", "CODE", "NAME", "SHORT\_NAME", "PROJECT\_STATE\_CODE", "PROJECT\_STATE", "IS\_ACTIVE", "IS\_LEAD", "LE\_OVERVIEW\_CODE", "LE\_OVERVIEW", "SBE\_CODE", "SBE", "GBU\_CODE", "GBU", "THERAPEUTIC\_AREA\_CODE", "THERAPEUTIC\_AREA", "PROJECT\_AREA\_CODE", "PROJECT\_AREA", "PHASE\_CODE", "PHASE", "PRIORITY\_CODE", "PRIORITY", "LC\_TYPE\_CODE", "LC\_TYPE", "SUBGROUP\_CODE", "SUBGROUP\_NAME", "MAINGROUP\_CODE", "MAINGROUP\_NAME", "SUBSTANCE\_TYPE\_CODE", "SUBSTANCE\_TYPE", "SOURCE\_CODE", "SOURCE", "TARGET\_CLASS\_CODE", "TARGET\_CLASS", "TARGET\_ORIGIN\_CODE", "TARGET\_ORIGIN", "ENPV", "NPV", "PEAK\_SALES", "PORTFOLIO\_PROJECT", "HPR", "IS\_REGIONAL", "IS\_ORPHAN\_DRUG", "COLLABORATION", "PIP\_PROJECT", "PIP\_DATE", "PDCO\_DATE", "IS\_PDCO\_POSITIVE", "IS\_WAIVER", "PIP\_ACTIVITIES", "TERMINATION\_NAME", "TERMINATION\_CODE", "TERMINATION\_DATE", "TERMINATION\_REASON", "PTS\_PRECLINICAL", "PTS\_PHASE1", "PTS\_PHASE2", "PTS\_PHASE3", "PTS\_SUBMISSION", "PTS\_TOTAL", "REVIEW\_MEETING\_DATE", "DETAILS\_PARTNER", "DETAILS\_PROGRESS", "PROGRESS\_DATE", "DETAILS\_CRITERIA", "DETAILS\_MESH", "DETAILS\_INDICATION", "DETAILS\_PRODUCT", "DETAILS\_GOAL", "DETAILS\_ACTION", "DETAILS\_COMPETITION", "DETAILS\_PATENT", "DETAILS\_SALES", "DETAILS\_PMO", "DETAILS\_COMMENT", "DETAILS\_MODALITY", "COMBINATION\_CODE", "COMBINATION\_ID", "PREFERRED\_BAY\_NO", "P6\_RAW\_PLAN", "P6\_CURRENT\_PLAN", "P6\_APPROVED\_PLAN", "PLANNING\_ENABLED", "IP\_OWNER\_CODE", "IP\_OWNER", "D1\_MILESTONE\_FOR\_D1\_PRJ", "D1\_GOAL\_FACTOR\_FOR\_D1\_PRJ", "START\_HTS\_MILESTONE", "LSA\_DATE", "TERMINATION\_GOAL\_FACTOR", "D2\_COMPOUND", "SUCCESSOR\_PROJECT\_ID", "PREDECESSOR\_PROJECT\_ID", "D3TRANSITION\_PROJECT\_ID", "LO\_REVIEW\_MEETING\_DATE", "LO\_REVIEW\_RESULT\_CODE", "THERAPEUTIC\_RESEARCH\_GROUP", "TARGET\_GENE\_CODE", "EXPLORATORY\_RESEARCH", "GENERAL\_PROJECT\_FRAME", "PHASE\_ESTIMATED\_CODE", "PHASE\_ESTIMATED", "PTR\_FOR\_D2\_CODE", "PTR\_FOR\_D3\_CODE", "PREVIOUS\_NAMES", "DEVICE\_PROJECT", "BPI\_NO", "PROJECT\_DEVICE\_TYPE\_CODE", "PROJECT\_DEVICE\_TYPE\_NAME", "REGULATORY\_CODE", "REGULATORY\_NAME", "REGULATORY\_OTHER", "DEVICE\_PHASE\_CODE", "DEVICE\_PHASE\_NAME", "DET\_OBJECTIVE\_MSP", "DET\_RATIONALE\_MSP", "DET\_SCOPE\_MSP", "DET\_INTENDED\_USE\_MSP", "DET\_BENEFITS\_MSP", "DET\_EXECUTIVE\_SUMMARY\_MSP", "DET\_RISKS\_MSP", "DET\_HIGHLIGHTS\_MSP", "DET\_ACTIVITIES\_EVENTS\_MSP", "DET\_BUDGET\_MSP", "DET\_SAMD\_STATUS\_MSP", "DET\_SAMD\_STATUS\_CODE\_MSP", "DET\_BUDGET\_STATUS\_MSP", "DET\_BUDGET\_STATUS\_CODE\_MSP", "IS\_EXTERNAL\_PORTFOLIO")  ORGANIZATION HEAP PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS" NO INMEMORY  BUILD IMMEDIATE  USING INDEX  REFRESH FORCE ON DEMAND  USING DEFAULT LOCAL ROLLBACK SEGMENT  USING ENFORCED CONSTRAINTS DISABLE ON QUERY COMPUTATION DISABLE QUERY REWRITE  AS select  p.id,  p.program\_id,  p.code,  p.name,  p.abbreviation as short\_name,  p.state\_code as project\_state\_code,  pstate.name as project\_state,  p.is\_active,  p.is\_lead,  p.development\_phase\_code as le\_overview\_code,  devphase.name as le\_overview,  p.sbe\_code,  sbe.name as sbe,  p.pidt\_bu\_code as gbu\_code,  gbu.name as gbu,  p.ta\_code as therapeutic\_area\_code,  pta.name as therapeutic\_area,  p.area\_code as project\_area\_code,  area.name as project\_area,  p.phase\_code,  phase.name as phase,  p.priority\_code,  prio.name as priority,  cast(category.code as nvarchar2(20)) as lc\_type\_code,  category.name as lc\_type,  cast(subgroup.code as nvarchar2(20)) as subgroup\_code,  subgroup.name as subgroup\_name,  mg.code as maingroup\_code,  mg.name as maingroup\_name,  p.substance\_type\_code,  substance\_type.name as substance\_type,  p.source\_code,  source.name as source,  p.tc\_code as target\_class\_code,  ptc.name as target\_class,  p.to\_code as target\_origin\_code,  pto.name as target\_origin,  p.enpv,  p.npv,  p.peak\_sales,  p.is\_portfolio as portfolio\_project,  p.is\_hpr as hpr,  p.is\_regional,  p.is\_orphan\_drug,  --p.is\_direct\_phase3,  --p.is\_combined\_phase2,  p.is\_collaboration as collaboration,  p.is\_pip as pip\_project,  p.pip\_date,  p.pdco\_date,  p.is\_pdco\_positive,  p.is\_waiver,  p.pip\_activities,  substr(termination.name,1,100) as termination\_name,  p.termination\_code,  p.termination\_date,  p.termination\_reason,  pts\_preclinical.probability as pts\_preclinical,  pts\_phase1.probability as pts\_phase1,  pts\_phase2.probability as pts\_phase2,  pts\_phase3.probability as pts\_phase3,  pts\_submission.probability as pts\_submission,  round(100 \* nvl(pts\_preclinical.probability / 100, 0) \* nvl(pts\_phase1.probability / 100, 0) \* nvl(pts\_phase2.probability / 100, 0) \* nvl(pts\_phase3.probability / 100, 0) \* nvl(pts\_submission.probability / 100, 0)) as pts\_total,  p.review\_date as review\_meeting\_date,  p.details\_partner,  p.details\_progress,  p.progress\_date,  p.details\_criteria,  p.details\_mesh,  p.details\_indication,  p.details\_product,  p.details\_goal,  p.details\_action,  p.details\_competition,  p.details\_patent,  p.details\_sales,  p.details\_pmo,  p.details\_comment,  --p.details\_modality,  ipms\_Data.configuration\_pkg.get\_names\_for\_codes(p.details\_modality) details\_modality,  combination.combination\_code,  combination.combination\_name as combination\_id,  pbay.name as preferred\_bay\_no,  p.id||'-RAW' as p6\_raw\_plan,  p.id||'-CUR' as p6\_current\_plan,  p.id||'-APR' as p6\_approved\_plan,  p.planning\_enabled,  p.ipowner\_code as ip\_owner\_code,  ipowner.name as ip\_owner,  p.d1\_decision\_date as d1\_milestone\_for\_d1\_prj,  pgfd1.goal\_factor as d1\_goal\_factor\_for\_d1\_prj,  p.start\_hts\_date as start\_hts\_milestone,  p.lsa\_date,  pgft.goal\_factor as termination\_goal\_factor,  cast(decode(p.area\_code,'D1',null,p.d2\_compound) as nvarchar2(80)) d2\_compound,  p.succ\_project\_id as successor\_project\_id,  p.predecessor\_project\_id,  p.d3transition\_project\_id,  p.lo\_review\_meeting\_date,  p.lo\_review\_result\_code,  p.trg as therapeutic\_research\_group,  p.target\_gene\_code,  p.er as exploratory\_research,  p.general\_project\_frame,  p.phase\_estimated\_code,  phase\_estimated.name as phase\_estimated,  --p.d2\_planned\_date,  --p.d2\_achieved\_date,  p.ptr\_for\_d2\_code,  p.ptr\_for\_d3\_code,  p.previous\_names,  p.is\_device\_project as device\_project,  p.bpi\_no,  p.project\_device\_type\_code,  pdt.name as project\_device\_type\_name,  substr(p.regulatory\_code,1,instr(p.regulatory\_code||';',';')-1) as regulatory\_code,  rt.name as regulatory\_name,  p.regulatory\_other,  p.device\_phase\_code,  dp.name device\_phase\_name,  p.DETAILS\_OBJECTIVE DET\_OBJECTIVE\_MSP,--promis 604  p.DETAILS\_RATIONALE DET\_RATIONALE\_MSP,  p.DETAILS\_SCOPE DET\_SCOPE\_MSP,  p.DETAILS\_INTENDED\_USE DET\_INTENDED\_USE\_MSP,  p.DETAILS\_BENEFITS DET\_BENEFITS\_MSP,  p.DETAILS\_EXECUTIVE\_SUMMARY DET\_EXECUTIVE\_SUMMARY\_MSP,  p.DETAILS\_RISKS DET\_RISKS\_MSP,  p.DETAILS\_HIGHLIGHTS DET\_HIGHLIGHTS\_MSP,  p.DETAILS\_ACTIVITIES\_EVENTS DET\_ACTIVITIES\_EVENTS\_MSP,  p.DETAILS\_BUDGET DET\_BUDGET\_MSP,  ss.NAME DET\_SAMD\_STATUS\_MSP,  p.DETAILS\_SAMD\_STATUS DET\_SAMD\_STATUS\_CODE\_MSP,  bs.NAME DET\_BUDGET\_STATUS\_MSP,  p.DETAILS\_BUDGET\_STATUS DET\_BUDGET\_STATUS\_CODE\_MSP ,  p.IS\_EXTERNAL\_PORTFOLIO  from ipms\_data.project p  left join ipms\_data.budget\_status bs on bs.CODE = p.DETAILS\_BUDGET\_STATUS  left join ipms\_data.samd\_status ss on ss.CODE = p.DETAILS\_SAMD\_STATUS  left join ipms\_data.combination\_vw combination on combination.project\_id = p.id  left join ipms\_data.bay\_number pbay on pbay.code = p.bay\_code  left join ipms\_data.project\_state pstate on pstate.code = p.state\_code  left join ipms\_data.display\_state displaystate on displaystate.code = p.display\_state\_code  left join ipms\_data.development\_phase devphase on devphase.code = p.development\_phase\_code  left join ipms\_data.strategic\_business\_entity sbe on sbe.code = p.sbe\_code  left join ipms\_data.global\_business\_unit gbu on gbu.code = p.pidt\_bu\_code  left join ipms\_data.therapeutic\_area pta on pta.code = p.ta\_code  left join ipms\_data.project\_area area on area.code = p.area\_code  left join ipms\_data.phase phase on phase.code = p.phase\_code  left join ipms\_data.priority prio on prio.code = p.priority\_code  left join ipms\_data.project\_category category on (category.code = p.category\_code and category.is\_promis=1)  left join ipms\_data.project\_category subgroup on (subgroup.code = p.project\_group\_code)  left join ipms\_data.maingroup mg on (subgroup.maingroup\_code = mg.code)  left join ipms\_data.substance\_type substance\_type on substance\_type.code = p.substance\_type\_code  left join ipms\_data.project\_source source on source.code = p.source\_code  left join ipms\_data.target\_class ptc on ptc.code = p.tc\_code  left join ipms\_data.target\_origin pto on pto.code = p.to\_code  left join --ipms\_data.termination\_reason termination on termination.code = p.termination\_code  (--PROMIS-748  select tr.code, decode(trg.name,null,null,trg.name||' - ')||tr.name name  from ipms\_data.termination\_reason tr  left join ipms\_data.termination\_reason trg on (tr.ref\_reason\_code=trg.code)  ) termination on (termination.code = p.termination\_code)  left join ipms\_data.phase\_estimated phase\_estimated on phase\_estimated.code = p.phase\_estimated\_code  left join ipms\_data.costs\_probability pts\_preclinical on pts\_preclinical.project\_id = p.id and pts\_preclinical.phase\_code = '1' and pts\_preclinical.scope\_code = 'INT'  left join ipms\_data.costs\_probability pts\_phase1 on pts\_phase1.project\_id = p.id and pts\_phase1.phase\_code = '2' and pts\_phase1.scope\_code = 'INT'  left join ipms\_data.costs\_probability pts\_phase2 on pts\_phase2.project\_id = p.id and pts\_phase2.phase\_code = '34' and pts\_phase2.scope\_code = 'INT'  left join ipms\_data.costs\_probability pts\_phase3 on pts\_phase3.project\_id = p.id and pts\_phase3.phase\_code = '5' and pts\_phase3.scope\_code = 'INT'  left join ipms\_data.costs\_probability pts\_submission on pts\_submission.project\_id = p.id and pts\_submission.phase\_code = '6' and pts\_submission.scope\_code = 'INT'  left join ipms\_data.ipowner ipowner on ipowner.code = p.ipowner\_code  left join ipms\_data.project\_goal\_factor pgft on (p.id = pgft.project\_id) and pgft.milestone\_code='Termn'  left join ipms\_data.project\_goal\_factor pgfd1 on (p.id = pgfd1.project\_id) and pgfd1.milestone\_code='D1' and p.area\_code='D1'  left join ipms\_data.project\_device\_type pdt on (pdt.code = p.project\_device\_type\_code)  left join ipms\_data.regulatory\_type rt on (rt.code = substr(p.regulatory\_code,1,instr(p.regulatory\_code||';',';')-1))  left join ipms\_data.device\_phase dp on (dp.code = p.device\_phase\_code);  COMMENT ON MATERIALIZED VIEW "IPMS\_REPO"."PROJECT\_DIM" IS 'snapshot table for snapshot IPMS\_REPO.PROJECT\_DIM';  GRANT SELECT ON "IPMS\_REPO"."PROJECT\_DIM" TO "MYCSD"; |
| IPMS\_REPO.STUDY\_DIM\_VW (View) |
| CREATE OR REPLACE FORCE EDITIONABLE VIEW "IPMS\_REPO"."STUDY\_DIM\_VW" ("STUDY\_ID", "LATEST\_STUDY", "WBS\_ID", "PROJECT\_ID", "TIMELINE\_ID", "TIMELINE\_TYPE\_CODE", "NAME", "STUDY\_NAME", "PHASE", "START\_DATE", "FINISH\_DATE", "FPFV", "LPLV", "DMC\_PLAN", "DMC\_ACTUAL", "STATUS\_CODE", "STATUS", "IS\_OBLIGATION", "IS\_PROBING", "IS\_GPDC\_APPROVED", "MMU\_CODE", "MMU\_NAME", "STUDY\_MODUS\_NAME", "CLIN\_PLAN\_TYPE", "PLAN\_PATIENTS", "ACTUAL\_PATIENTS", "STUDY\_UNIT\_COUNT", "STUDY\_UNIT\_COUNT\_PLAN", "INT\_EXT\_FLAG", "CSRAPP", "PRCOMPL", "CDBLOCK", "IS\_LEAD", "FTE\_AVG", "IS\_TIMELINE\_AUTO\_IMPORT") AS  select  cast(study\_id as varchar2(100)) study\_id,  latest\_study,  cast(wbs\_id as varchar2(100)) wbs\_id,  project\_id,  cast(timeline\_id as varchar2(20)) timeline\_id,  --baseline\_id,  --root\_timeline\_id,  cast(timeline\_type\_code as varchar2(10)) timeline\_type\_code,  cast(name as varchar2(100)) name,  cast(replace(study\_name,nvl(study\_id,'#')||': ') as varchar2(120)) study\_name,  cast(phase as varchar2(100)) phase,  start\_date,  finish\_date,  fpfv,  lplv,  dmc\_plan,  dmc\_actual,  status\_code,  status,  is\_obligation,  is\_probing,  is\_gpdc\_approved,  mmu\_code,  mmu\_name,  study\_modus\_name,  clin\_plan\_type,  plan\_patients,  actual\_patients,  study\_unit\_count,  study\_unit\_count\_plan,  int\_ext\_flag,  csrapp,  prcompl,  cdblock,  is\_lead,  fte\_avg,  is\_timeline\_auto\_import  from (  select  to\_char(s.id) as study\_id,--UDF  --decode(sd.rank,1,1,0) as latest\_study,  decode(sd.timeline\_type\_code,null,0,1) as latest\_study,  s.wbs\_id,--WBS  s.project\_id,  s.timeline\_id,  null baseline\_id,  s.timeline\_id as root\_timeline\_id,  s.timeline\_type\_code,  s.name,--WBS  s.study\_name,  s.phase,--UDF  s.start\_date,--WBS  s.finish\_date,--WBS  s.fpfv,--Activity  s.lplv,--Activity  s.dmc\_plan,  s.dmc\_actual,  s.status\_code,  status.name as status,  is\_obligation,  is\_probing,  is\_gpdc\_approved,  therapeutic\_group\_code as mmu\_code,  therapeutic\_group\_desc as mmu\_name,  study\_modus\_name,  clin\_plan\_type,  s.plan\_patients,  s.actual\_patients,  s.study\_unit\_count,  s.study\_unit\_count\_plan,  s.int\_ext\_flag,  s.csrapp,  s.prcompl,  s.cdblock,  s.is\_lead,  s.fte\_avg,  s.is\_timeline\_auto\_import  from ipms\_data.study\_data\_vw s  left join (  select timeline\_type\_code, project\_id, id from (  select  row\_number() over(partition by sd.id,sd.project\_id order by sd.timeline\_type\_code) as rank,  sd.timeline\_type\_code,  sd.project\_id,  sd.id  from ipms\_data.study\_data\_vw sd  where sd.timeline\_type\_code in ('APR','CUR','RAW')  ) where rank=1  ) sd on (sd.timeline\_type\_code=s.timeline\_type\_code and sd.project\_id=s.project\_id and sd.id=s.id)  left join ipms\_data.study\_status status on (status.code = s.status\_code)  union all  select  s.id as study\_id,  0 latest\_study,  s.wbs\_id,  s.project\_id,  to\_nchar(s.timeline\_id) as timeline\_id,  s.baseline\_id,  s.root\_timeline\_id,  to\_nchar(s.timeline\_type\_code),  s.name,  s.study\_name,  s.phase,  s.start\_date,  s.finish\_date,  s.fpfv,  s.lplv,  s.dmc\_plan,  s.dmc\_actual,  s.status\_code,  status.name as status,  is\_obligation,  is\_probing,  is\_gpdc\_approved,  therapeutic\_group\_code as mmu\_code,  therapeutic\_group\_desc as mmu\_name,  study\_modus\_name,  clin\_plan\_type,  to\_number(s.plan\_patients) as plan\_patients,  to\_number(s.actual\_patients) as actual\_patients,  to\_number(s.study\_unit\_count) as study\_unit\_count,  to\_number(s.study\_unit\_count\_plan) as study\_unit\_count\_plan,  s.int\_ext\_flag,  s.csrapp,  s.prcompl,  s.cdblock,  s.is\_lead,  to\_number(s.fte\_avg),--to\_number(replace(s.fte\_avg,'.',',')) as fte\_avg, --from XML we got . but e.g. from Sophia we got comma. DE - must be comma,but during deployment via ANT ...NLS must be explicetly set: ToDo  s.is\_timeline\_auto\_import  from ipms\_data.baseline\_study\_data\_vw s  left join ipms\_data.study\_status status on (status.code = s.status\_code)  where replace(s.id,' ') is not null--there were some strange cases when ID from Baseline was just spacebar  ); |
| IPMS\_REPO.STUDY\_DIM (Materialized View) |
| CREATE MATERIALIZED VIEW "IPMS\_REPO"."STUDY\_DIM" ("STUDY\_ID", "LATEST\_STUDY", "WBS\_ID", "PROJECT\_ID", "TIMELINE\_ID", "TIMELINE\_TYPE\_CODE", "NAME", "STUDY\_NAME", "PHASE", "START\_DATE", "FINISH\_DATE", "FPFV", "LPLV", "DMC\_PLAN", "DMC\_ACTUAL", "STATUS\_CODE", "STATUS", "IS\_OBLIGATION", "IS\_PROBING", "IS\_GPDC\_APPROVED", "MMU\_CODE", "MMU\_NAME", "STUDY\_MODUS\_NAME", "CLIN\_PLAN\_TYPE", "PLAN\_PATIENTS", "ACTUAL\_PATIENTS", "STUDY\_UNIT\_COUNT", "STUDY\_UNIT\_COUNT\_PLAN", "INT\_EXT\_FLAG", "CSRAPP", "PRCOMPL", "CDBLOCK", "IS\_LEAD", "FTE\_AVG", "IS\_TIMELINE\_AUTO\_IMPORT")  ORGANIZATION HEAP PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255  NOCOMPRESS LOGGING  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1  BUFFER\_POOL DEFAULT FLASH\_CACHE DEFAULT CELL\_FLASH\_CACHE DEFAULT)  TABLESPACE "USERS"  BUILD IMMEDIATE  USING INDEX  REFRESH FORCE ON DEMAND  USING DEFAULT LOCAL ROLLBACK SEGMENT  USING ENFORCED CONSTRAINTS DISABLE ON QUERY COMPUTATION DISABLE QUERY REWRITE  AS select  cast(STUDY\_ID as varchar2(100)) study\_id,  LATEST\_STUDY,  WBS\_ID,  PROJECT\_ID,  TIMELINE\_ID,  TIMELINE\_TYPE\_CODE,  cast(NAME as varchar2(100)) NAME,  cast(STUDY\_NAME as varchar2(120)) STUDY\_NAME,  PHASE,  START\_DATE,  FINISH\_DATE,  FPFV,  LPLV,  DMC\_PLAN,  DMC\_ACTUAL,  STATUS\_CODE,  STATUS,  IS\_OBLIGATION,  IS\_PROBING,  IS\_GPDC\_APPROVED,  MMU\_CODE,  MMU\_NAME,  STUDY\_MODUS\_NAME,  CLIN\_PLAN\_TYPE,  PLAN\_PATIENTS,  ACTUAL\_PATIENTS,  STUDY\_UNIT\_COUNT,  STUDY\_UNIT\_COUNT\_PLAN,  INT\_EXT\_FLAG,  CSRAPP,  PRCOMPL,  CDBLOCK,  IS\_LEAD,  FTE\_AVG,  IS\_TIMELINE\_AUTO\_IMPORT  from (  select  STUDY\_ID,  LATEST\_STUDY,  WBS\_ID,  PROJECT\_ID,  TIMELINE\_ID,  TIMELINE\_TYPE\_CODE,  NAME,  STUDY\_NAME,  PHASE,  START\_DATE,  FINISH\_DATE,  FPFV,  LPLV,  DMC\_PLAN,  DMC\_ACTUAL,  STATUS\_CODE,  STATUS,  IS\_OBLIGATION,  IS\_PROBING,  IS\_GPDC\_APPROVED,  MMU\_CODE,  MMU\_NAME,  STUDY\_MODUS\_NAME,  CLIN\_PLAN\_TYPE,  PLAN\_PATIENTS,  ACTUAL\_PATIENTS,  STUDY\_UNIT\_COUNT,  STUDY\_UNIT\_COUNT\_PLAN,  INT\_EXT\_FLAG,  CSRAPP,  PRCOMPL,  CDBLOCK,  IS\_LEAD,  FTE\_AVG,  IS\_TIMELINE\_AUTO\_IMPORT  from study\_dim\_vw  union all  select  to\_char(stminus.study\_id) STUDY\_ID,  to\_number(null) LATEST\_STUDY,  to\_char(null) WBS\_ID,  to\_nchar(st.project\_id) PROJECT\_ID,  to\_char(null) TIMELINE\_ID,  to\_char(null) TIMELINE\_TYPE\_CODE,  to\_char(nvl(st.study\_name, 'Study name is missing')) NAME,  to\_char(nvl(st.study\_name, 'Study name is missing')) STUDY\_NAME,  to\_char(null) PHASE,  to\_date(null) START\_DATE,  to\_date(null) FINISH\_DATE,  to\_date(null) FPFV,  to\_date(null) LPLV,  to\_date(null) DMC\_PLAN,  to\_date(null) DMC\_ACTUAL,  to\_char(null) STATUS\_CODE,  to\_nchar(null) STATUS,  to\_number(null) IS\_OBLIGATION,  to\_number(null) IS\_PROBING,  to\_number(null) IS\_GPDC\_APPROVED,  to\_nchar(null) MMU\_CODE,  to\_nchar(null) MMU\_NAME,  to\_nchar(null) STUDY\_MODUS\_NAME,  to\_nchar(null) CLIN\_PLAN\_TYPE,  to\_number(null) PLAN\_PATIENTS,  to\_number(null) ACTUAL\_PATIENTS,  to\_number(null) STUDY\_UNIT\_COUNT,  to\_number(null) STUDY\_UNIT\_COUNT\_PLAN,  to\_nchar(null) INT\_EXT\_FLAG,  null CSRAPP,  null PRCOMPL,  null CDBLOCK,  null IS\_LEAD,  to\_number(null) FTE\_AVG,  to\_number(null) IS\_TIMELINE\_AUTO\_IMPORT  from (  select study\_id  from (  (select distinct to\_char(study\_id) study\_id from COST\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from COST\_FPS\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from COST\_LTC\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from COST\_LTC\_FTE\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from LATEST\_ESTIMATE\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from MILESTONE\_FCT)  --union all  --(select distinct to\_char(study\_id) study\_id from MILESTONE\_IMPACT\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from PROJECT\_ACTIVITY\_DIM)  union all  (select distinct to\_char(study\_id) study\_id from RESOURCE\_CS\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from RESOURCE\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from RESOURCE\_GED\_FCT)  union all  (select distinct to\_char(study\_id) study\_id from STUDY\_MILESTONE\_FCT)  ) where study\_id is not null  minus  select distinct to\_char(study\_id) study\_id from study\_dim\_vw  ) stminus  left join ipms\_data.study st on (st.id=stminus.study\_id)  );  COMMENT ON MATERIALIZED VIEW "IPMS\_REPO"."STUDY\_DIM" IS 'Note:Use\_in\_planning is not imported. Skipped by BHC. Rank ordering by:1-APR,2-CUR,3-RAW.';  GRANT SELECT ON "IPMS\_REPO"."STUDY\_DIM" TO "PMO\_READ";  GRANT SELECT ON "IPMS\_REPO"."STUDY\_DIM" TO "MYCSD";  GRANT SELECT ON "IPMS\_REPO"."STUDY\_DIM" TO "MXCBI"; |