Mise à jour Domaine de Valeurs

Nombre de connexions aux tables

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Résumé de l'analyse

Le nombre de connexions à une table est énorme pour l'utilisateur qui met à jour le domaine de valeurs.
Pour contourner le problème de *spool*, on fait une extraction par année et par mois. La plupart des tables pour le conseil du médicament contient des données à partir de 1996. De 1996 à 2023, c'est 28 années à 12 mois, ce qui donne 336 connexions pour une seule table.

- I_APME_DEM_AUTOR_CRITR_ENTE_CM (340)
- V_DEM_PAIMT_MED_CM (2124)
  - cod_denom (340)
  - cod_din (340)
  - cod_serv (84)
  - cod_sta_decis (340)
  - denom_din_ahfs (340)
  - denom_din_teneur_forme (680)

La bonne nouvelle est que dans la prochaine mise à jour, la création du domaine de valeurs pour V_DEM_PAIMT_MED_CM passera de 2124 à 340. L'augmentation du *spool* il y a quelques mois permettra d'aller chercher toutes les variables voulues en une seule étape (un mois), ce qui n'était pas possible de faire lors de la création du domaine de valeurs il y a quelques années.

I_APME_DEM_AUTOR_CRITR_ENTE_CM

Pour la création du domaine de valeur de 1996 à 2023, c'est 28 années à 12 mois donnant 336 connexions à la table.

```
# Une à deux connexions pour vérifications
verif_loop_var <- as.data.table(dbGetQuery(conn, statement = paste0(
    "select distinct APME_DAT_STA_DEM_PME\n",
    "from PROD.I_APME_DEM_AUTOR_CRITR_ETEN_CM\n",
    "where APME_DAT_STA_DEM_PME is null;"
)))
min_year <- dbGetQuery(conn, statement = paste0(
      "select min(extract(year from APME_DAT_STA_DEM_PME)) as min_date\n",
      "from PROD.I_APME_DEM_AUTOR_CRITR_ETEN_CM;"
))$min_date

# Nbre Années X 12 mois
for (yr in years) {
  for (mth in 1:12) {
    DT[[i]] <- as.data.table(dbGetQuery(conn, statement = paste0(
      "select distinct\n",
      "    APME_COD_DENOM_COMNE_DEM as DENOM_DEM,\n",
      "    APME_COD_DIN_DEM as DIN_DEM,\n",
      "    NPME_DES_COURT_INDCN_RECNU as DES_COURT_INDCN_RECNU,\n",
      "    extract(year from APME_DAT_STA_DEM_PME) as ANNEE,\n",
      "    extract(month from APME_DAT_STA_DEM_PME) as MOIS\n",
      "from PROD.I_APME_DEM_AUTOR_CRITR_ETEN_CM\n",
      "where APME_DAT_STA_DEM_PME between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"'\n",
      "    and NPME_DES_COURT_INDCN_RECNU is not null\n",
      "order by DENOM_DEM, DIN_DEM, DES_COURT_INDCN_RECNU, ANNEE, MOIS;"
    )))
    i <- i + 1L
  }
}
```

V_DEM_PAIMT_MED_CM - Actuel

```
# cod_ahfs
dt <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select distinct(SMED_COD_CLA_AHF) as AHFS_CLA,\n",
  "       SMED_COD_SCLA_AHF as AHFS_SCLA,\n",
  "       SMED_COD_SSCLA_AHF as AHFS_SSCLA\n",
  "from V_DEM_PAIMT_MED_CM\n",
  "where SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
)))

# cod_denom
dt <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select distinct(SMED_COD_DENOM_COMNE) as DENOM\n",
  "from V_DEM_PAIMT_MED_CM\n",
  "where SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
)))

# cod_din
dt <- as.data.table(dbGetQuery(
  conn, paste0(
    "select distinct SMED_COD_DIN as DIN\n",
    "from V_DEM_PAIMT_MED_CM\n",
    "where SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
  )
))

# cod_serv
dt <- as.data.table(dbGetQuery(  # liste unique des codes de service
  conn, paste0(
    "select distinct SMED_COD_SERV_",c_serv," as COD_SERV\n",
    "from V_DEM_PAIMT_MED_CM\n",
    "where SMED_DAT_SERV between '",paste0(yr,"-01-01"),"' and '",paste0(yr,"-12-31"),"';"
  )
))

# cod_sta_decis
DT[[i]] <- as.data.table(dbGetQuery(
conn, statement = paste0(
```

```
  "select distinct(P.SMED_COD_STA_DECIS) as COD_STA_DECIS,\n",
  "       D.CODE_DES as COD_STA_DESC\n",
  "from V_DEM_PAIMT_MED_CM as P left join V_DES_COD as D\n",
  "    on P.SMED_COD_STA_DECIS = D.CODE_VAL_COD\n",
  "where P.SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"'\n",
  "    and D.CODE_NOM_COD = 'COD_STA_DECIS';"
)
))

# denom_din_ahfs
dt <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select    distinct(SMED_COD_DENOM_COMNE) as DENOM,\n",
  "        SMED_COD_DIN as DIN,\n",
  "        SMED_COD_CLA_AHF as AHFS_CLA,\n",
  "        SMED_COD_SCLA_AHF as AHFS_SCLA,\n",
  "        SMED_COD_SSCLA_AHF as AHFS_SSCLA\n",
  "from    V_DEM_PAIMT_MED_CM\n",
  "where     SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
)))

# denom_din_teneur_forme
DT[[i]] <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select distinct\n",
  "    SMED_COD_DENOM_COMNE as DENOM,\n",
  "    SMED_COD_DIN as DIN,\n",
  "    SMED_COD_FORME_MED as FORME\n",
  "from PROD.V_DEM_PAIMT_MED_CM\n",
  "where SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
)))
DT[[i]] <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select distinct\n",
  "    SMED_COD_DENOM_COMNE as DENOM,\n",
  "    SMED_COD_DIN as DIN,\n",
  "    SMED_COD_TENR_MED as TENEUR\n",
  "from PROD.V_DEM_PAIMT_MED_CM\n",
  "where SMED_DAT_SERV between '",date_ymd(yr, mth, 1),"' and '",date_ymd(yr, mth, "last"),"';"
)))
```

V_DEM_PAIMT_MED_CM - Prochaine mise à jour

```
DT[[i]] <- as.data.table(dbGetQuery(conn, statement = paste0(
  "select distinct\n",
  "    smed_cod_denom_comne as DENOM,\n",
  "    smed_cod_din as DIN,\n",
  "    smed_cod_cla_ahf as AHFS_CLA,\n",
  "    smed_cod_scla_ahf as AHFS_SCLA,\n",
  "    smed_cod_sscla_ahf as AHFS_SSCLA,\n",
  "    smed_cod_forme_med as FORME,\n",
  "    smed_cod_tenr_med as TENEUR,\n",
  "    smed_cod_serv_1 as COD_SERV_1,\n",
  "    smed_cod_serv_2 as COD_SERV_2,\n",
  "    smed_cod_serv_3 as COD_SERV_3,\n",
  "    smed_cod_sta_decis as COD_STA_DECIS\n",
  "from prod.v_dem_paimt_med_cm\n",
  "where smed_dat_serv between '",date_ymd(yr, mth, 1L),"' and '",date_ymd(yr, mth, "last"),"';"
)))
```