CCL request flow (funcoper and subroutines)

Wednesday, September 18, 2019

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# Subroutine Information

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Abrev.** | **Summary name** | **Description** |
| 1 | SRMDCT | PROCESS\_MOD\_CONTRAST | Process to detect AR1, EP to NP or NP to Wait changes based on powerform dta updates and ep\_ce\_evt\_id value if == 0 |
| 2 | SRLDFO | LOAD\_FUTURE\_ORDERS | Load Future Orders ( all possible to be processed) |
| 3 | SRARLK | PROCESS\_AUTO\_RELINK | Process Auto-Relink orders |
| 4 | SRORDCNL | PROCESS\_ORDERS\_CANCELLED | Process Cancelled orders |
| 5 | SRLDFOSPC | LOAD\_FUTURE\_ORDER\_SPECIFIED\_ORDERID | Load Future Order information - specified order id |
| 6 | SRLDFOLIM | LOAD\_FUTURE\_ORDERS\_LIMITED | Load Future Orders (previous 4 days to be processed) |
| 7 | SRLDPRS | LOAD\_FUTURE\_ORDERS\_FOR\_PERSON | Load custom table CUST\_OPRDWL\_ORD records for specified person |
| 8 | SRLDLKORD | LOAD\_LINKED\_ORDERS\_ALL | Load custom table CUST\_OPRDWL\_ORD records being processed in Exam Protocol ??? And NP Triage stages |
| 9 | SRLDLKORDSPC | LOAD\_LINKED\_ORDERS\_SPECIFIED\_ORDERID | Load custom table CUST\_OPRDWL\_ORD record - specified order id |
| 10 | SRLDLKORDSPCRG | LOAD\_LINKED\_ORDERS\_SPECIFIED\_ORDERID\_TIMERANGE | Load custom table CUST\_OPRDWL\_ORD record - specified order id and time range |
| 11 | SRLDLKORDAR3 | LOAD\_LINKED\_ORDERS\_WITH\_AR3\_INDICATOR | Load custom table CUST\_OPRDWL\_ORD record - AR3 indicator set for HOLD View |
| 12 | SRLDRCDAT | LOAD\_RECORD\_DATA | Load custom table CUST\_OPRDWL\_ORD record order details information for all orders in PFID record structure |
| 13 | SRLFODAT | LOAD\_FUTURE\_ORDERS\_DATA | Load Future Order details information for all orders in PFID record structure |
| 14 | SRLFODAT2 | LOAD\_FUTURE\_ORDERS\_DATA2 | Load Future Order details information for all orders in PFID record structure |
| 15 | SRPF | LOAD\_POWERFORM\_DATA\_FUTURE\_ORDERS | Process powerform related data of custom table record order(s) in PFID record structure (FUTURE ORDERS VIEW) |
| 16 | SRPFACTIVE | LOAD\_POWERFORM\_DATA\_ACTIVE\_ORDERS | Determine powerform related data of ACTIVE orders for order(s) in PFID record structure (NEW ORDERS VIEW) |
| 17 | SRPF\_PROT | LOAD\_LINKED\_ORDERS\_PROTOCOL\_STAGE | Determine Protocol stage for order(s) in PFID record structure |
| 18 | SRLDACTORDS | LOAD\_ACTIVE\_ORDERS | Load custom table ACTIVE records available for processing |
| 19 | SRLDAOCLNDAT | LOAD\_ACTIVE\_ORDERS\_CLINICAL\_DATA | Load custom table ACTIVE record order clinical details information for all orders in PFID record structure |
| 20 | SRLDRETDAT | LOAD\_FUTURE\_ORDERS\_RETURN\_DATA | Process all orders in PFID record structure to be returned as JSON data as reponse to input request |
| 21 | SRLDFOCLNDAT | LOAD\_FUTURE\_ORDERS\_CLINICAL\_DATA | Load custom table CUST\_OPRDWL\_ORD record order clinical details information for all orders in PFID record structure |
| 22 | SRLDCTBL | LOAD\_NEW\_CUSTOM\_TABLE\_RECORD | Create Load custom table CUST\_OPRDWL\_ORD record |
| 23 | SRUPTCTBL | UPDATE\_CUSTOM\_TABLE\_RECORD | Update custom table CUST\_OPRDWL\_ORD record |

# CCL Record Structures

RECORD RPTDATA

[RPTDATA -> SCHORDERS]

[RPTDATA -> ORDERS]

RECORD PFID -- processing work structure

RECORD CUSTORD -- MP LINKING AND UNLINKING

RECORD ORDHIST -- History logging

# Subroutine Focus Area

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Focus |  | Abrev | Arguments | Notes |
| UTIL |  |  |  |  |
|  | Powerform | SRMDCT | ( NULL ) |  |
|  | Future\_Orders | SRLDFOLIM | ( NULL ) |  |
|  | Auto Relink | SRARLK | ( NULL ) |  |
|  | Orders Cancelled | SRORDCNL | ( NULL ) |  |
|  | Return Json Data | SRLDRETDAT | ( NULL ) |  |
|  | Cust\_oprdwl\_ord | SRUPTCTBL | ( IDX ) |  |
|  | Cust\_oprdwl\_ord | SRLDCTBL | ( IDX ) |  |
|  |  | SRLDFOCLNDAT | ( IDX ) | Not Used Weight and Height |
| FUTURE - NONLINKED |  |  |  |  |
|  | Order\_Future\_Info | SRLDFO | ( NULL ) |  |
|  | Order\_Future\_Info | SRLDFOSPC | ( IDORDER) |  |
|  | Order related detal | SRLFODAT | ( NULL ) | New Orders View |
|  | Order Powerform Dtas | SRPF | ( PID, EID, SORDIDX) |  |
| FUTURE - LINKED |  |  |  |  |
|  | Cust\_oprdwl\_ord | SRLDLKORD | ( NULL ) |  |
|  | Cust\_oprdwl\_ord | SRLDLKORDSPCRG | ( NULL ) |  |
|  | Cust\_oprdwl\_ord | SRLDLKORDSPC | ( LINKEDORDER) |  |
|  | Cust\_oprdwl\_ord | SRLDPRS | ( IDPERSON) |  |
|  | Cust\_oprdwl\_ord | SRLDLKORDAR3 | ( NULL ) |  |
|  | Powerform Protocol Stage | SRPF\_PROT | ( NULL ) |  |
|  | Order related detal | SRLFODAT2 | ( NULL ) | Future,Modify and Hold View |
|  |  | SRLDRCDAT | ( NULL ) |  |
| ACTIVE |  |  |  |  |
|  | Orders | SRLDACTORDS | ( NULL ) |  |
|  | Active Orders related detal | SRLDAOCLNDAT | ( NULL ) |  |
|  | Powerform Active Order | SRPFACTIVE | ( PID, EID, SORDIDX) |  |
|  |  |  |  |  |

## 

# Subroutine CCL table/record Relationship

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Focus |  | Abrev | CCL QUERY Table INFO | Processing Flow Notes |
| UTIL |  |  |  | { } LOCAL RECORD STRUCTURE  [ ] GLOBAL RECORD STRUCTURE |
|  | Powerform | SRMDCT | Cust\_oprdwl\_ord  CLINICAL\_EVENT |  |
|  | Cust\_oprdwl\_ord | SRLDFOLIM | Cust\_oprdwl\_ord  ORDERS  ORDER\_CATALOG  ORDER\_ACTION  CUST\_OPRDWL\_RADORD  ORDER\_DETAIL  SCH\_EVENT\_ATTACH |  |
|  | Auto Relink | SRARLK | Order\_Future\_Info -- [PFID]  CUST\_OPRDWL\_ORD  CUST\_OPRDWL\_HIST |  |
|  | Orders Cancelled | SRORDCNL | ORDER\_FUTURE\_INFO  CUST\_OPRDWL\_ORD  ORDERS  CLINICAL\_EVENT  CUST\_OPRDWL\_HIST |  |
|  | Return Json Data | SRLDRETDAT | [PFID]  [RPTDATA -> SCHORDERS] |  |
|  | Cust\_oprdwl\_ord | SRUPTCTBL | CUST\_OPRDWL\_ORD  [CUSTORD] |  |
|  | Cust\_oprdwl\_ord | SRLDCTBL | CUST\_OPRDWL\_ORD  [PFID] |  |
|  |  | SRLDFOCLNDAT | ENCOUNTER  CLINICAL\_EVENT  [PFID] |  |
|  | Establish power pointers | SRLDRCDAT | {FINDBLB}  [PFID]  ORDER\_DETAIL  CLINICAL\_EVENT  CE\_BLOB  DCP\_FORMS\_ACTIVITY\_COMP |  |
| FUTURE - NONLINKED |  |  |  | { } LOCAL RECORD STRUCTURE  [ ] GLOBAL RECORD STRUCTURE |
|  | Order\_Future\_Info | SRLDFO | {SPFID}  [PFID]  ORDER\_FUTURE\_INFO  ORDERS  ORDER\_CATALOG  ORDER\_ACTION  CUST\_OPRDWL\_RADORD  ORDER\_DETAIL  SCH\_EVENT\_ATTACH |  |
|  | Orders | SRLDFOSPC | [PFID]  ORDERS  ORDER\_CATALOG  ORDER\_ACTION  CUST\_OPRDWL\_RADORD  ORDER\_DETAIL  SCH\_EVENT\_ATTACH |  |
|  | Order related detal | SRLFODAT2 | [PFID]  ORDER\_DETAIL  ORDERS  ORDER\_CATALOG  ORDERS  ORDER\_ACTION  PERSON  PERSON\_ALIAS  PRSNL |  |
|  | Order Powerform Dtas | SRPF | [PFID]  CLINICAL\_EVENT  DCP\_FORMS\_ACTIVITY\_COMP |  |
| FUTURE - LINKED |  |  |  | { } LOCAL RECORD STRUCTURE  [ ] GLOBAL RECORD STRUCTURE |
|  | Cust\_oprdwl\_ord | SRLDLKORD | CUST\_OPRDWL\_ORD  CUST\_OPRDWL\_RADORD  [PFID] |  |
|  | Cust\_oprdwl\_ord | SRLDLKORDSPCRG | CUST\_OPRDWL\_ORD  CUST\_OPRDWL\_RADORD  [PFID] |  |
|  | Cust\_oprdwl\_ord | SRLDLKORDSPC | CUST\_OPRDWL\_ORD  [PFID] |  |
|  | Cust\_oprdwl\_ord | SRLDPRS | {SPFID}  ORDERS  ORDER\_CATALOG  ORDER\_ACTION  SCH\_EVENT\_ATTACH  CUST\_OPRDWL\_ORD  CUST\_OPRDWL\_RADORD  [PFID] | Not used at this time |
|  | Cust\_oprdwl\_ord | SRLDLKORDAR3 | CUST\_OPRDWL\_ORD  CUST\_OPRDWL\_RADORD  [PFID] |  |
|  | Powerform Protocol Stage | SRPF\_PROT | [PFID]  CLINICAL\_EVENT |  |
|  | Order related detal | SRLFODAT | [PFID]  ORDER\_DETAIL  CLINICAL\_EVENT  CE\_BLOB  ORDER\_COMMENT  LONG\_TEXT  ORDERS  ORDER\_ACTION  PERSON  PERSON\_ALIAS  PRSNL |  |
| ACTIVE |  |  |  | { } LOCAL RECORD STRUCTURE  [ ] GLOBAL RECORD STRUCTURE |
|  | Orders | SRLDACTORDS | ORDERS  ORDER\_DETAIL  ORDER\_ACTION  ORDER\_CATALOG  ORDER\_RADIOLOGY  ENCOUNTER  PERSON  CUST\_OPRDWL\_ORD  [RPTDATA -> ORDERS] |  |
|  | Active Orders related detal | SRLDAOCLNDAT | [RPTDATA -> ORDERS]  CLINICAL\_EVENT  dcp\_forms\_activity  task\_activity  DCP\_FORMS\_ACTIVITY  DCP\_FORMS\_REF  ce\_blob  ORDER\_DETAIL |  |
|  | Powerform Active Order | SRPFACTIVE | [PFID]  CLINICAL\_EVENT |  |
|  |  |  |  |  |