**SQL Stored Procedure for FTP ROI BLOB Call**

**INPUT**

**SQL call syntax:**

call VISTA.HDSREPRPC\_FtpRoiBLOB(reqestID,callName,patientID,fromDt,toDt,customFlags,debugFlag)

Example:

call VISTA.HDSREPRPC\_FtpRoiBLOB('reqid','callname','1','2000101',’20150101’,’’,’’)

**Input Parameters—Notes:**

1. requestID: (Optional) A string usable by calling layer as an identifier; can be any string, or null.
2. callName: (Optional) String that can contain any information, or be null.
3. patientID: (Required) Patient DFN; can be a string (quoted) or a number (quotes not necessary).
4. fromDt (Optional) Start Date range to pull ROI based on “Date Request Received”
5. toDt (Optional) End Date range to pull ROI based on “Date Request Received”
6. customFlags: Can be as follows:
   * + - * 1 or Null Includes <Def></Def> Record returned
         * 2: Data only returned <Default>
7. debugFlag: (Cache Team uses this parameter for low-level debugging in Cache).

**RETURN**

**Result Set Columns – Notes:**

1. requestID: Echo of requestID from Input parameter
2. SiteID: Site ID of Source System
3. callName: Echo of callName from Input parameter
4. returnType: For future use
5. Params: Returns the Timestamp as processed by source system along with the input Parameters (i.e.

2012-08-28 10:38:16, req, call, 154)

1. CustomFlags Echo of CustomFlags from Input parameter
2. returnError: Return Error message
3. stream Resulting Blob containing XML like data

**Errors/Warnings**

Errors and warnings will be noted by checking the returnError column. When an error occurs no Blob/Stream will be created. However, the returnError column should always be checked. For a mere warning the stream will still be created.

**Possible Errors:**

ERROR: DFN is invalid, cannot process. – received when no patientID parameter is sent or the patientID does not exists

ERROR: No ROI Records – No data found based on parameters sent

**Possible Warnings:**

<None>

**Stream/BLOB**

**Delimiters**:

* Field delimiter for individual data elements: ^
* Records delimiter: CR/LF

|  |  |  |  |
| --- | --- | --- | --- |
| **Field #** | **Mapping Field name** | **File Source/Field** | **SP Field Name** |
| 1 | ReleaseOfInformation.recordIdentifier.identity | 19620 DSIR ROI INSTANCE/IEN | ROI IEN |
| 2 | ReleaseOfInformation.patient.identifier.identity | 19620 DSIR ROI INSTANCE/.01 | PATIENT IEN |
| 3 | ReleaseOfInformation.patient.name.prefix | 2 PATIENT/.01 | PATIENT PREFIX |
| 4 | ReleaseOfInformation.patient.name.given | 2 PATIENT/.01 | PATIENT GIVEN |
| 5 | ReleaseOfInformation.patient.name.middle | 2 PATIENT/.01 | PATIENT MIDDLE |
| 6 | ReleaseOfInformation.patient.name.family | 2 PATIENT/.01 | PATIENT FAMILY |
| 7 | ReleaseOfInformation.patient.name.suffix | 2 PATIENT/.01 | PATIENT SUFFIX |
| 8 | ReleaseOfInformation.patient.name.title | 2 PATIENT/.01 | PATIENT TITLE |
| 9 | ReleaseOfInformation.patient.name.displayName | 2 PATIENT/.01 | PATIENT NAME |
| 10 | ReleaseOfInformation.name | 19620 DSIR ROI INSTANCE.01 | ROI NAME |
| 11 | ReleaseOfInformation.typeOfRequest | 19620 DSIR ROI INSTANCE/10.01 | TYPE OF REQUEST |
| 12 | ReleaseOfInformation.requestor | 19620 DSIR ROI INSTANCE/.11 | REQUESTOR |
| 13 | ReleaseOfInformation.authority | 19620 DSIR ROI INSTANCE/10.03 | AUTHORITY |
| 14 | ReleaseOfInformation.status | 19620 DSIR ROI INSTANCE/10.05 | STATUS |
| 15 | ReleaseOfInformation.recievedDatTime.literal | 19620 DSIR ROI INSTANCE/10.06 | RECEIVED DATE |
| 16 | ReleaseOfInformation.closedDateTime.literal | 19620 DSIR ROI INSTANCE/10.07 | CLOSED DATE |
| 17 | ReleaseOfInformation.facility | 19620 DSIR ROI INSTANCE/.63 | STATION NUMBER |

Example: call VISTA.HDSREPRPC\_FtpRoiBLOB('reqid','callname','1','20000101','20150101','','')

<Def>ROI IEN^PATIENT IEN^PATIENT NAME^ROI NAME^TYPE OF REQUEST^REQUESTOR^AUTHORITY^STATUS^RECEIVED DATE^CLOSED DATE^STATION NUMBER</Def>

1^1^ZZZRETFIVEFIFTYONE,PATIENT^ZZZRETFIVEFIFTYONE,PATIENT^THIRD PARTY PRIVACY^^AUTHORIZATION^CLOSED^20030801^20030805^613

2^1^ZZZRETFIVEFIFTYONE,PATIENT^ZZZRETFIVEFIFTYONE,PATIENT^THIRD PARTY PRIVACY^^AUTHORIZATION^OPEN^20150301^^613