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

**INPUT**

**SQL call syntax:**

call VISTA.HDSREPRPC\_FtpAlertBLOB(reqestID,callName,patientID,fromDt,alertID,customFlags,debugFlag)

Example:

call VISTA.HDSREPRPC\_FtpAlertBLOB('reqid','callname','3','',’’,’’,’’)

**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; Required unless sending AlertID
4. startDt: (Optional) Start Date to pull Alert records based on Retention Date
5. alertID: (Required) Alert IEN; Required if wanting detail for individual Alert Record

Passing the AlertID assumes you want more detail so 2 additional fields (Recipients and Long Text) are returned

1. customFlags: Can be as follows:
   * + - * 1 or Null Includes to include Definition Records <Def></Def>
         * 2: Data only returned <Default>; no Definition Record Sent
2. 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: Requires Patient ID or Alert IEN. – received when no patientID or AlertID parameter are sent. Must have one or the other.

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

**Possible Warnings:**

<None>

**Stream/BLOB**

**Delimiters**:

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

**Data Tag: <Def> Definition Tag: <DefAlerts>**

**Delimiters**:

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Field #** | **Mapping Field name** | **File Source/Field** | **SP Field Name** |
| 1 | PatientAlert.identifier | 8992.1 Alert IEN | IEN |
| 2 | PatientAlert.packageId | 8992.1 Alert/.03 | PACKAGE ID |
| 3 | PatientAlert.patientID | 8992.1 Alert/.04 | PATIENT IEN |
| 4 | PatientAlert.DisplayName | 8992.1 Alert/.04 | PATIENT NAME |
| 5 | PatientAlert.createDate | 8992.1 Alert/.02 | CREATE DATE |
| 6 | PatientAlert.retentionDate | 8992.1 Alert/.08 | RETENTION DATE |
| 7 | PatientAlert.generatedBy | 8992.1 Alert/.05 | GENERATED BY |
| 8 | PatientAlert.DisplayText | 8992.1 Alert/1.01 | DISPLAY TEXT |

Passing in the AlertID provides 2 additional fields

|  |  |  |  |
| --- | --- | --- | --- |
| 9 | PatientAlert.Recipients (strung together with a secondary delimiter) | 8992.1 Alert/20 | RECIPIENTS |
| 10 | PatientAlert.longText | 8992.1 Alert/4 | LONG TEXT |

Example: Get all records by passing just the PatientID

call VISTA.HDSREPRPC\_FtpAlertBLOB('reqid','callname','3','','','','')

<Def>IEN^PACKAGE ID^PATIENT IEN^PATIENT NAME^CREATE DATE^RETENTION DATE^GENERATED BY^DISPLAY TEXT^</Def>

24979^OR,50^3^EIGHT,PATIENT^20100227091624^20100329^LABTECH,FORTYEIGHT^EIGHT,PAT (E0008): [GM] New order(s) placed.^

25085^OR,50^3^EIGHT,PATIENT^20100316094033^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

25086^OR,3^3^EIGHT,PATIENT^20100316094034^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HEMOGLOBIN A1C]^

25087^OR,14^3^EIGHT,PATIENT^20100316094034^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [HEMOGLOBIN A1C]^

25302^OR,50^3^EIGHT,PATIENT^20100316095109^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

25303^OR,3^3^EIGHT,PATIENT^20100316095109^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HEMOGLOBIN A1C]^

25304^OR,14^3^EIGHT,PATIENT^20100316095109^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [HEMOGLOBIN A1C]^

25513^OR,3^3^EIGHT,PATIENT^20100316095201^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HEMOGLOBIN A1C]^

25514^OR,14^3^EIGHT,PATIENT^20100316095201^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [HEMOGLOBIN A1C]^

25624^OR,50^3^EIGHT,PATIENT^20100316095610^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

25625^OR,3^3^EIGHT,PATIENT^20100316095610^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HEMOGLOBIN A1C]^

25626^OR,14^3^EIGHT,PATIENT^20100316095610^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [HEMOGLOBIN A1C]^

25835^OR,3^3^EIGHT,PATIENT^20100316095707^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HEMOGLOBIN A1C]^

25836^OR,14^3^EIGHT,PATIENT^20100316095707^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [HEMOGLOBIN A1C]^

25946^OR,3^3^EIGHT,PATIENT^20100316095951^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [UREA NITROGEN]^

25958^OR,3^3^EIGHT,PATIENT^20100316100033^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [UREA NITROGEN]^

25969^OR,50^3^EIGHT,PATIENT^20100316100116^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

25970^OR,3^3^EIGHT,PATIENT^20100316100116^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [UREA NITROGEN]^

26080^OR,3^3^EIGHT,PATIENT^20100316100222^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [UREA NITROGEN]^

26091^OR,3^3^EIGHT,PATIENT^20100316100314^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [UREA NITROGEN]^

26102^OR,50^3^EIGHT,PATIENT^20100316101732^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26103^OR,3^3^EIGHT,PATIENT^20100316101732^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CREATININE]^

26214^OR,3^3^EIGHT,PATIENT^20100316101837^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CREATININE]^

26215^OR,14^3^EIGHT,PATIENT^20100316101837^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [CREATININE]^

26326^OR,3^3^EIGHT,PATIENT^20100316102052^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CREATININE]^

26337^OR,3^3^EIGHT,PATIENT^20100316102149^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CREATININE]^

26348^OR,50^3^EIGHT,PATIENT^20100316102355^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26349^OR,3^3^EIGHT,PATIENT^20100316102355^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CREATININE]^

26460^OR,3^3^EIGHT,PATIENT^20100316102642^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [SODIUM]^

26461^OR,14^3^EIGHT,PATIENT^20100316102642^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [SODIUM]^

26572^OR,3^3^EIGHT,PATIENT^20100316102751^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [SODIUM]^

26583^OR,50^3^EIGHT,PATIENT^20100316103046^20100415^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26584^OR,3^3^EIGHT,PATIENT^20100316103046^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [SODIUM]^

26585^OR,14^3^EIGHT,PATIENT^20100316103046^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Abnormal labs - [SODIUM]^

26796^OR,3^3^EIGHT,PATIENT^20100316103408^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [SODIUM]^

26807^OR,3^3^EIGHT,PATIENT^20100316103506^20100415^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [SODIUM]^

26818^OR,50^3^EIGHT,PATIENT^20100323105656^20100422^LABTECH,FORTYEIGHT^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26919^OR,50^3^EIGHT,PATIENT^201003231102^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26924^OR,3^3^EIGHT,PATIENT^201003231102^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27031^OR,3^3^EIGHT,PATIENT^20100323110243^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27042^OR,3^3^EIGHT,PATIENT^20100323110317^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27053^OR,3^3^EIGHT,PATIENT^20100323110359^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27064^OR,3^3^EIGHT,PATIENT^20100323110439^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27075^OR,3^3^EIGHT,PATIENT^20100323110640^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27086^OR,50^3^EIGHT,PATIENT^20100323110714^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27087^OR,3^3^EIGHT,PATIENT^20100323110714^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27198^OR,3^3^EIGHT,PATIENT^20100323110817^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27209^OR,3^3^EIGHT,PATIENT^20100323110852^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27220^OR,3^3^EIGHT,PATIENT^20100323110923^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27231^OR,50^3^EIGHT,PATIENT^20100323111647^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27236^OR,3^3^EIGHT,PATIENT^20100323111647^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27343^OR,50^3^EIGHT,PATIENT^20100323112421^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27344^OR,3^3^EIGHT,PATIENT^20100323112421^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27455^OR,3^3^EIGHT,PATIENT^20100323112530^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27466^OR,50^3^EIGHT,PATIENT^20100323113022^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27467^OR,3^3^EIGHT,PATIENT^20100323113022^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27578^OR,3^3^EIGHT,PATIENT^20100323113139^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27589^OR,3^3^EIGHT,PATIENT^20100323124416^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27622^OR,50^3^EIGHT,PATIENT^20100323124417^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27701^OR,3^3^EIGHT,PATIENT^20100323124537^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27712^OR,3^3^EIGHT,PATIENT^20100323124728^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27723^OR,50^3^EIGHT,PATIENT^20100323125111^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27724^OR,3^3^EIGHT,PATIENT^20100323125111^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27835^OR,3^3^EIGHT,PATIENT^20100323125145^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27846^OR,3^3^EIGHT,PATIENT^20100323125233^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27857^OR,3^3^EIGHT,PATIENT^20100323125335^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27868^OR,3^3^EIGHT,PATIENT^20100323125403^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27879^OR,3^3^EIGHT,PATIENT^20100323125437^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27890^OR,3^3^EIGHT,PATIENT^20100323125511^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

Example: Filter by Retention date by passing a starting date along with the PatientID

call VISTA.HDSREPRPC\_FtpAlertBLOB('reqid','callname','3','20100422','','','')

<Def>IEN^PACKAGE ID^PATIENT^CREATE DATE^RETENTION DATE^GENERATED BY^DISPLAY TEXT^</Def>

26818^OR,50^EIGHT,PATIENT^20100323105656^20100422^LABTECH,FORTYEIGHT^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26919^OR,50^EIGHT,PATIENT^201003231102^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

26924^OR,3^EIGHT,PATIENT^201003231102^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27031^OR,3^EIGHT,PATIENT^20100323110243^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27042^OR,3^EIGHT,PATIENT^20100323110317^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27053^OR,3^EIGHT,PATIENT^20100323110359^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27064^OR,3^EIGHT,PATIENT^20100323110439^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [POTASSIUM]^

27075^OR,3^EIGHT,PATIENT^20100323110640^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27086^OR,50^EIGHT,PATIENT^20100323110714^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27087^OR,3^EIGHT,PATIENT^20100323110714^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27198^OR,3^EIGHT,PATIENT^20100323110817^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27209^OR,3^EIGHT,PATIENT^20100323110852^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27220^OR,3^EIGHT,PATIENT^20100323110923^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [CHOLESTEROL]^

27231^OR,50^EIGHT,PATIENT^20100323111647^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27236^OR,3^EIGHT,PATIENT^20100323111647^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27343^OR,50^EIGHT,PATIENT^20100323112421^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27344^OR,3^EIGHT,PATIENT^20100323112421^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27455^OR,3^EIGHT,PATIENT^20100323112530^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27466^OR,50^EIGHT,PATIENT^20100323113022^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27467^OR,3^EIGHT,PATIENT^20100323113022^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27578^OR,3^EIGHT,PATIENT^20100323113139^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [TRIGLYCERIDE]^

27589^OR,3^EIGHT,PATIENT^20100323124416^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27622^OR,50^EIGHT,PATIENT^20100323124417^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27701^OR,3^EIGHT,PATIENT^20100323124537^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27712^OR,3^EIGHT,PATIENT^20100323124728^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27723^OR,50^EIGHT,PATIENT^20100323125111^20100422^LABTECH,ONE^EIGHT,PAT (E0008): [GM] New order(s) placed.^

27724^OR,3^EIGHT,PATIENT^20100323125111^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27835^OR,3^EIGHT,PATIENT^20100323125145^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [LDL CHOLESTEROL]^

27846^OR,3^EIGHT,PATIENT^20100323125233^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27857^OR,3^EIGHT,PATIENT^20100323125335^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27868^OR,3^EIGHT,PATIENT^20100323125403^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27879^OR,3^EIGHT,PATIENT^20100323125437^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

27890^OR,3^EIGHT,PATIENT^20100323125511^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^

Example: Get full detail by passing Alert ID. Doing this provides the Recipient and

call VISTA.HDSREPRPC\_FtpAlertBLOB('reqid','callname','','','27890','','')

<Def>IEN^PACKAGE ID^PATIENT IEN^PATIENT NAME^CREATE DATE^RETENTION DATE^GENERATED BY^DISPLAY TEXT^RECIPIENTS^LONG TEXT^</Def>

27890^OR,3^3^EIGHT,PATIENT^20100323125511^20100422^LABTECH,ONE^EIGHT,PAT (E0008): Labs resulted - [HDL]^PROGRAMMER,TWENTY~^THIS IS T

HE LONG TEXT Discription ^