**FTP Pre-Appointment Letter**

**Interface Document**

**INPUT**

**SQL call syntax:**

call VISTA.HDSREPRPC\_FtpApptLetterBLOB(reqestID,callName,patientID,ApptDate,ApptTime,customFlags)

Example:

call VISTA.HDSREPRPC\_FtpApptLetterBLOB('reqid','callname','3','20160707090000','1')

**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. ApptDate (Required) Appointment Date HLT format (yyyymmddhhmmss)
5. customFlags: Can be as follows:
   * + - * 1 or Null Includes <Def></Def> Record returned
         * 2 Data only returned <Default>

**General Requirements:**

Return letter data as per VistA option “Print Scheduling Letters” (SDPRLETTERS). Logic Pulled from Pre-Appointment VistA routines: SDL1, SDLTP, SDLT

General logic Flow:

* Interface Accepts – Patient ID (DFN), Appointment Date/Time
* Look up Appointment detail in Appointment File (2.98)
* Get Hospital Location from Appointment record (File 44)
* Check If Hospital location has pre-appointment letter defined (field 2509 – Pre-Appointment letter)
* Look up in Letter File (407.5) to get letter definition

**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
6. CustomFlags Echo of CustomFlags from Input parameter
7. returnError: Return Error message
8. stream Resulting Blob containing XML like data

**Errors**

If an error is returned in the Error column then the Blob/Stream will be <null>

**Possible Errors:**

Error: Missing Patient ID – No Patient sent

Error: DFN is invalid, cannot process – patientID does not exists

Error: Missing Appointment Date/Time – No Appointment Sent

Error: Not a Future Appointment – Past appointments cannot be requested

Error: No Appointment Found – No appointment found based on Appointment date/time in

Error: Patient has Bad Address – Based on the Bad Address Indicator in File 2 field .121

Error: Cancelled Appointment – Status of appointment is cancelled

Error: Patient Deceased – Based on Date of Death field File 2 field.351

Error: Clinic is not assigned a PRE-APPOINTMENT LETTER – File 44 field 2509

**Stream/BLOB**

**Definition Tag**:

Pass “1” or “Null value” in the CustomFlags param to return a definition Tag.

Pass “2” in the CustomFlags param no definition Tag will be returned

<Def>

<header></header>

<address></address>

<greeting></greeting>

<initial></initial>

<appointment> </appointment>

<ancillary></ancillary>

<final></final>

</Def>

**Data Tags:** All tags should be defined except for Ancillary tag. That tag depends on any Ancillary appointments attached to the appointment.

**<header></header>** - Returns Todays Date and Patient 5 Character Code

**<address></address>** - Returns Patient Name and Address information

**<greeting></greeting>** - Returns Letter Greeting

**<initial></initial>** - Returns Initial Text of the Letter (from Letter File 407.5)

**<appointment> </appointment>** - Returns Appointment Detail

**<ancillary></ancillary>** - Returns Ancillary EKG, Xray, Lab Appointment Detail

**<final></final>** - Returns Final Letter Text (from Letter file 407.5)

**Examples:**

Example #1: Returns Stream with Definition Tag

**call VISTA.HDSREPRPC\_FtpApptLetterBLOB('reqid','callname','3','20160707090000','1','')**

Result Set:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **requestID** | **siteID** | **callName** | **returnType** | **params** | **customFlags** | **returnError** | **stream** |
| Reqid | 654 | callname |  | 2016-05-18 16:51:17,3, 20160707090000 | 1 |  |  |

Stream Result:

<Def>

<header></eader>

<address></address>

<greeting></greeting>

<initial></inital>

<appoitment></appointment>

<ancillary></ancillary>

<final></final>

</Def>

<header>05/18/2016</header>

<header>E0008</\header>

<address>PATIENT EIGHT</address>

<address>Any Street</address>

<address>Any Town WV 99998-0071</address>

<greeting>Dear Mr. Patient Eight</greeting>

<initial>This is a reminder of the following clinic appointment(s):</initial>

<appointment>Date/Time: THURSDAY JUL 7, 2016 9:00 AM</appointment>

<appointment> Clinic: GENERAL MEDICINE</appointment>

<appointment> Location: 4TH FLOOR</appointment>

<Appointment>Telephone: 259</appointment>

<ancillary> LAB SCHEDULED: THURSDAY JUL 7, 2016 9:30 AM</ancillary>

<ancillary>XRAY SCHEDULED: THURSDAY JUL 7, 2016 10:30 AM</ancillary>

<ancillary> EKG SCHEDULED: THURSDAY JUL 7, 2016 10:00 AM</ancillary>

<final>Please bring all non-VA medical records with you to your appointment. If for any reason you cannot keep this appointment, please let us know promptly by writing to 123 Main Street, New City, NY 00123 or by calling us at 999-999-9999. Also, be aware that the Java team will be checking you in at the front desk. The cache team no longer performs that service, they have been relieved of their duties...see you soon!</Final>

Example #2: Returns no Definition Tag

**call VISTA.HDSREPRPC\_FtpApptLetterBLOB('reqid','callname','3','20160707090000','2','')**

Result Set:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **requestID** | **siteID** | **callName** | **returnType** | **params** | **customFlags** | **returnError** | **stream** |
| reqid | 654 | callname |  | 2016-05-18 16:46:32,3, 20160707090000 | 2 |  |  |

Stream Result:

<header>05/18/2016</header>

<header>E0008</header>

<address>PATIENT EIGHT</address>

<address>Any Street</address>

<address>Any Town WV 99998-0071</address>

<greeting>Dear Mr. Patient Eight</greeting>

<initial>This is a reminder of the following clinic appointment(s):</initial>

<appointment>Date/Time: THURSDAY JUL 7, 2016 9:00 AM</appointment>

<appointment> Clinic: GENERAL MEDICINE</appointment>

<appointment> Location: 4TH FLOOR</appointment>

<appointment>Telephone: 259</appointment>

<ancillary> LAB SCHEDULED: THURSDAY JUL 7, 2016 9:30 AM</Ancillary>

<ancillary>XRAY SCHEDULED: THURSDAY JUL 7, 2016 10:30 AM</Ancillary>

<ancillary> EKG SCHEDULED: THURSDAY JUL 7, 2016 10:00 AM</Ancillary>

<final>Please bring all non-VA medical records with you to your appointment. If for any reason you cannot keep this appointment, please let us know promptly by writing to 123 Main Street, New City, NY 00123 or by calling us at 999-999-9999. Also, be aware that the Java team will be checking you in at the front desk. The cache team no longer performs that service, they have been relieved of their duties...see you soon!</final>

Example #3: Returns error so Steam will be null – Put in invalid Appointment Date/Time

**call VISTA.HDSREPRPC\_FtpApptLetterBLOB('reqid','callname','3','20160707100000','1','')**

Result Set:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **requestID** | **siteID** | **callName** | **returnType** | **params** | **customFlags** | **returnError** | **stream** |
| reqid | 654 | callname |  | 2016-05-18 17:11:17,3, 20160707100000 | 1 | No Appointment Found |  |

Stream Result:

<null>

Vista Letter output Example:

|  |
| --- |
| 05/18/2016  E0008  PATIENT EIGHT  Any Street  Any Town WV 99998-0071    Dear Mr. Patient Eight,  This is a reminder of the following clinic appointment(s):  Date/Time: THURSDAY JUL 7, 2016 9:00 AM  Clinic: GENERAL MEDICINE  Location: 4TH FLOOR  Telephone: 259  LAB SCHEDULED: THURSDAY JUL 7, 2016 9:30 AM  XRAY SCHEDULED: THURSDAY JUL 7, 2016 10:30 AM  EKG SCHEDULED: THURSDAY JUL 7, 2016 10:00 AM    Please bring all non-VA medical records with you to your appointment. If  for any reason you cannot keep this appointment, please let us know promptly  by writing to 123 Main Street, New City, NY 00123 or by calling us at  999-999-9999. Also, be aware that the Java team will be checking you in  at the front desk. The cache team no longer performs that service, they  have been relieved of their duties...see you soon! |