The following list of TIU Notes remote procedure calls that might be required by Vetlink. While these RPCs are used by other application, the parameters’ descriptions below are specific for VPS.

**RPC: TIU LONG LIST OF TITLES**

Return the **next** 44 records of TIU TITLES start from the given text (FROM).

M: LONGLIST^TIUSRVD(Y, CLASS, FROM, DIR, IDNOTE)

ICR# 3204

**INPUT/OUTPUT**

Y = list by reference

Y(1..n) = title ien ^ title names

**INPUT**

CLASS = 3 (Progress Note) //pointer to class in 8925.1

FROM = text where the next 44 records will be returned to caller

DIR = ascending/descending order. optional – default to 1.

Valid value: 1 (Ascending order) or -1 (descending order)

IDNOTE = valid value: 1or empty. If 1, only include title that user (DUZ) can link (attach) a document to the title.

**EXAMPLE #1**

List the first 44 records of Progress Note TIU TITLES in ascending order

D LONGLIST^TIUSRVD(.Y, 3, “”, 1,)

**RESULT**

**File #8925.1 Fields .001, .01,.02**

Y(1)="115^1213 <INTERSERVICE TRANSFER (VAF 10-1213.N4)>"

Y(2)="138^ADDENDUM <SIGNED PROGRESS NOTE WITH UNSIGNED ADDENDUM>"

…

…

Y(43)="1368^CARE <CARE COORDINATION HOME TELEHEALTH TELEPHONE ENCOUNTER NOTE>"

Y(44)="1369^CARE <CARE COORDINATION HOME TELEHEALTH VIDEO VISIT NOTE>"

**EXAMPLE #2**

List the next 44 records of Progress Note TIU TITLES in ascending order

D LONGLIST^TIUSRVD(.Y, 3, “CARE <CARE COORDINATION HOME TELEHEALTH VIDEO VISIT NOTE>”, 1,)

**RESULT**

**File #8925.1 Fields .001, .01,.02**

Y(1)="1277^CARE <HOME CARE REFERRAL NOTE>"

Y(2)="10^CARE <PRIMARY CARE>"

…

…

Y(43)="1365^COORDINATION <CARE COORDINATION HOME TELEHEALTH EVALUATION TREATMEN

T PLAN>"

Y(44)="1360^COORDINATION <CARE COORDINATION HOME TELEHEALTH SCREENING CONSULT>"

**RPC: TIU REQUIRES COSIGNATURE**

Evaluate co-signature requirement

M: REQCOS^TIUSRVA(TIUY,TIUTYP,TIUDA,TIUSER,TIUDT)

ICR# 1800

**INPUT/OUTPUT**

TIUY = single value by reference. 1 means TIU requires co-signature, 0 otherwise.

**INPUT**

TIUTYP = Title IEN. This value should be the selected Title IEN from the list of TIU LONG LIST OF TITLES.

TIUDA = TIU Note IEN (optional). This value is used to get Title IEN if TIU Note IEN is known and Title IEN is unknown.

TIUUSER = user (optional) Default is DUZ (current user)

TIUDT = Reference Date (optional)

**EXAMPLE**

D REQCOS^TIUSRVA(.TIUY,1369)

**RESULT**

TIUY = 0 ----------🡪 Co-signature is not required

**RPC: TIU CREATE RECORD**

Create TIU Document/Note

M: MAKE^TIUSRVP(SUCCESS,DFN,TITLE,VDT,VLOC,VSIT,TIUX,VSTR,SUPPRESS,NOASF)

ICR# 1806

**INPUT/OUTPUT**

SUCCESS = single value by reference

Successfully create the note, rpc will return TIU DOCUMENT IEN

Failed to create the note, rpc will return 0^Explanatory message

**INPUT**

DFN = Patient (#2)

TITLE = TIU TITLE IEN

VDT = Date(/Time) of Visit (optional)

VLOC = Visit Location (HOSPITAL LOCATION) (optional)

VSIT = Visit file ien (#9000010) (optional)

TIUX = (by ref) array containing the TIU Notes.

TIUX(“TEXT”,1..n,0) = TEXT

i.e:

TIUX(“TEXT”,1,0)="PATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29, 2012@00:38:18 "

TIUX(“TEXT”,2,0)=" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

TIUX(“TEXT”,3,0)="REVIEW CONDUCTED WITH: SPOUSE "

TIUX(“TEXT”,4,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"

TIUX(“TEXT”,5,0)=" \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\* "

VSTR = Visit string (i.e., VLOC;VDT;VTYPE) (optional)

NOASF = if 1=Do Not Set ASAVE cross-reference (optional)

**EXAMPLE**

DFN = 1311, TITLE = 1369, SUPPRESS = 0  
TIUX("TEXT",1,0)="PATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29, 2012@00:38:18 "  
TIUX("TEXT",2,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"  
TIUX("TEXT",3,0)="REVIEW CONDUCTED WITH: SPOUSE "  
 TIUX("TEXT",4,0)="\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"  
TIUX("TEXT",5,0)=" \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\* "

D MAKE^TIUSRVP(.RESULT,DFN,TITLE,,,,.TIUX,,SUPPRESS)

**RESULT**

RESULT = 525

**File #8925.02, Field #.01**

^TIU(8925,525,0)=1369^1311^^1361^5^^3130110.134457^^^4^^^E

^TIU(8925,525,12)=3130110.134457^0^^0^^^^^^^^0

^TIU(8925,525,13)=3130110.134457^0^R^3130110.134457

^TIU(8925,525,14)=^^^

^TIU(8925,525,"TEXT",0)=^^5^5^3130110^^

^TIU(8925,525,"TEXT",1,0)=PATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29,

2012@00:38:18

^TIU(8925,525,"TEXT",2,0)= \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”

^TIU(8925,525,"TEXT",3,0)=REVIEW CONDUCTED WITH: SPOUSE

^TIU(8925,525,"TEXT",4,0)=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”

^TIU(8925,525,"TEXT",5,0)= \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\* “

**RPC: TIU SET DOCUMENT TEXT**

This RPC buffers the transmittal of text (i.e., the body of TIU Documents) from the Client to the Server. It allows documents of indefinite size to be filed, without risk of an allocate error on the M Server.

M: SETTEXT^TIUSRVPT(TIUY,TIUDA,TIUX,SUPPRESS)

ICR# 3763

**INPUT/OUTPUT**

TIUY : single value reference

Successful result : TIUDA ^ PAGE ^ PAGES

Failed result : 0^0^0^exception message

**INPUT**

TIUDA : TIU DOCUMENT IEN

TIUX : text array containing the text document to save.

SUPPRESS :

value of 1 will suppress the save to the document. It will only save it to a temporary storage (buffer)

Value of 0 will store the buffer to the file.

**Comments:**

Since TIU document can be large, caller might need to make multiple calls to this RPC. Let’s say, there are 500 lines of text need to be saved for TIU DOCUMENT IEN #99, to avoid the risk of memory error on the M Server, caller might want to send only 100 lines per call. In this particular case, caller will make the following rpc calls

1. First call - TIUDA = 99, **SUPPRESS = 1**

TIUX(“HDR”)=1^5 -- comment (page 1 of 5)

TIUX(“TEXT”,1,0) = line 1

TIUX(“TEXT”,2,0) = line 2

….

TIUX(“TEXT”,100,0) = line 100

1. Second call - TIUDA = 99, **SUPPRESS = 1**

TIUX(“HDR”)=2^5 -- comment (page 2 of 5)

TIUX(“TEXT”,101,0) = line 101

TIUX(“TEXT”,102,0) = line 102

….

TIUX(“TEXT”,200,0) = line 200

1. Fifth call - TIUDA = 99, **SUPPRESS = 0**

TIUX(“HDR”)=5^5 -- comment (page 5 of 5)

TIUX(“TEXT”,401,0) = line 401

TIUX(“TEXT”,402,0) = line 402

….

TIUX(“TEXT”,500,0) = line 500

**EXAMPLE**

TIUDA = 525, SUPPRESS=0  
TIUX("HDR")="1^1"  
TIUX("TEXT",1,0)="XPATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29, 2012@00:38:18 "  
TIUX("TEXT",2,0)="X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_”  
TIUX("TEXT",3,0)="XREVIEW CONDUCTED WITH: SPOUSE "  
TIUX("TEXT",4,0)="X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_"  
TIUX("TEXT",5,0)="X \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\*

D SETTEXT^TIUSRVPT(.TIUY,TIUDA,.TIUX,SUPPRESS)

**RESULT**

RESULT = 525^1^1

**File #8925.02, Field #.01**

^TIU(8925,525,0)=1369^1311^^1361^5^^3130110.141446^^^0^^^E

^TIU(8925,525, 12)=3130110.141446^0^^0^^^^^^^^0

^TIU(8925,525, 13)=3130110.134457^0^R^3130110.141446

^TIU(8925,525, 14)=^^^

^TIU(8925,525,"TEXT",0)=^^5^5^3130110^^

^TIU(8925,525,"TEXT",1,0)=XPATIENT FACILITATED ALLERGY MEDICATION REVIEW: Nov 29

, 2012@00:38:18

^TIU(8925,525,"TEXT",2,0)=X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

^TIU(8925,525,"TEXT",3,0)=XREVIEW CONDUCTED WITH: SPOUSE

^TIU(8925,525,"TEXT",4,0)=X\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

^TIU(8925,525,"TEXT",5,0)=X \*\*\* ALLERGIES \*\*\* ALLERGIES \*\*\*

**RPC: TIU SIGN RECORD**

This rpc performs user's electronic signature to a TIU document while evaluating authorization, and validating the user's electronic signature.

M: SIGN^TIUSRVP (ERR,TIUDA,TIUX)

ICR# 3718

**INPUT/OUTPUT**

ERR : single value by reference

Successful result : 0

Failed result : "89250004^signature error exception” or "89250005^decrypted exception”

**INPUT**

TIUDA : TIU DOCUMENT IEN to sign

TIUX : encrypted e-signature

**EXAMPLE**

TIUDA = 525 ------ -> TIU NOTE IEN

TIUX = <Encrypted Signature for the user>

D SIGN^TIUSRVP(.RESULT,TIUDA,TIUX)

**RESULT**

RESULT = 0 ------------🡪 (successful)

**File #8925, field #1501 (Signature Date Time), #1502 (Signed By), #1503(Signature Block Name), #1504 (Signature Block Title), #1505 (Signature Mode)**

^TIU(8925,525,15)=3130110.150358^126^~ qzsOnQ9csx;BwQc<H)Z2SO>xb|/NR^^E