Dashboard RPC Calls

This document lists the specifics of the RPC calls used for the MHA Dashboard application.

Note: The context used for all the RPCs will be YSB DASHBOARD.

# YSB LOAD WIDGETS

Tag: LOADDB Routine: YSBDAPI1

## Description

This returns MH Dashboard widget columns from MH DASHBOARD WIDGET files.

## Return Type array of formatted strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
| Widget Names  Optional | YSDB | “WDGT” | Pass in widget arrays as the second parameter YSDB(“WDGT1”) | Key/pairs |

## Results

If key pairs are empty the routine returns all active widgets.

Returns YSDBDATA array with widget columns and widget column locations will return criteria fields, criteria values, criteria expressions and if a widget is inactive returns widget inactive data

YSDBDATA("WIDGET ",WIDGET NAME,”COLUMNS”) - list of the widgets column names

YSDBDATA("WIDGET ",WIDGET NAME,”LOC”) - list of the widgets column names

YSDBDATA(("WIDGET ",WIDGET NAME,”INACTVE ”) - list of the widgets names and inactive date

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA ") -List of the widget that have criteria columns

YSDBDATA("WIDGET ",WIDGET NAME,”CRITERIA FIELDS)- List of widget criteria column names

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA VAL) -List of the widget criteria values

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA EXP ") List of the widget criteria expression

### YSDBDATA("WDGT",WIDGET NAME,"DFN",YSCNT) – list of patients selected

See

### Description

Description of fields in format.

|  |  |
| --- | --- |
| Field | Description of Data |
| Column Names | MH DASHBOARD WIDGET COLUMN fields |
| Location | MH DASHBOARD WIDGET location fields points to Hospital Location |
| Location Name | MH DASHBOARD WIGET locations points to Hospital location names |
| Criteria Fields | MH DASHBOARD CRITERIUM file Field |
| Criteria VAL | MH DASHBOARD CRITERIUM file Values field |

# YSB GET WIDGET

Tag: GETWDGT Routine: YSBDAPI1

## Description

This returns MH Dashboard widget columns from MH DASHBOARD WIDGET files.

## Return Type array of formatted strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
| Widget Names | YSDB | “WDGT” | Pass in widget arrays as the second parameter YSDB(“WDGT) | Key/pairs |

## Results

Returns YSDBDATA array with widget columns and widget column locations will return criteria fields, criteria values, criteria expressions and if a widget is inactive returns widget inactive data

YSDBDATA("WIDGET ",WIDGET NAME,”COLUMNS”) - list of the widgets column names

YSDBDATA("WIDGET ",WIDGET NAME,”LOC”) - list of the widgets column names

YSDBDATA(("WIDGET ",WIDGET NAME,”INACTVE ”) - list of the widgets names and inactive date

### Pattern

COLUMNS - LAST ADMISSION DATE, LAST ASSESSMENT DATE, LAST DISCHARGE DATE, LAST MH SAFETY PLAN, NEXT MH APPT DATE, ON TRACK, PATIENT NAME, PATIENT PRF, PRFREVIEW,^widgetcolumns|HIGH RISK^widgetname"

LOC - LOC ID|Loc NAME NAME^widgetloc|HIGH RISK^widgetname"

INACTIVE – If a widget is inactive Widget Name ^widgetname”inactive, inactive date.

No widget data is returned for inactive widgets

### Description

Description of fields in format.

|  |  |
| --- | --- |
| Field | Description of Data |
| Column Names | MH DASHBOARD WIDGET COLUMN fields |
| Location | MH DASHBOARD WIDGET location fields points to Hospital Location |
| Location Name | MH DASHBOARD WIGET locations points to Hospital location names |

# YSB GET WIDGETCR

Tag: GETWDGTCR Routine: YSBDAPI1

## Description

This returns data from the MH DASHBARD WIDGET CRITERIUM files.

## Return Type array of formatted strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
| Widget Names | YSDB | “WDGT” | Pass in widget arrays as the second parameter YSDB(“WDGT) | Key/pairs |

## Results

Returns YSDBDATA array with widget criteria, criteria fields, criteria values, and criteria expressions

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA ") -List of the widget that have criteria columns

YSDBDATA("WIDGET ",WIDGET NAME,”CRITERIA FIELDS)- List of widget criteria column names

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA VAL) -List of the widget criteria values

YSDBDATA ("WIDGET ",WIDGET NAME,”CRITERIA EXP ") List of the widget criteria expression

### Pattern

CRITERIA - Widget Name^widget,1^widgetcriteria"

FIELDS - COLUMN NAME,COLUMN NAME\_U\_"criteriafields"|Widget Name^widgetname "

VAL- MM/DD/YYYY-MM/DD/YYYY,MM/DD/YY criteriaval| Widget Name^widgetname

EXP - RANGE,GT,^criteriaexp"|Widget Name^widgetname

|  |  |
| --- | --- |
| Field | Description of Data |
| Criteria Fields | MH DASHBOARD CRITERIUM file Field |
| Criteria VAL | MH DASHBOARD CRITERIUM file Values field |
| Criteria EXP | MH DASHBOARD CRITERIUM file expression field |

# YSB SEL PATIENTS

Tag: SELPAT Routine: YSBDAPI2

## Description

This returns patient appointment data based on Widget Criterium Appointment Date range. This subroutine is part of the YSB LOAD WIDGET RPC. It can be called separately after the User location, Widget Columns and Widget Criteria Fields, Widget Criteria Val and Widget Criteria Expression fields have been retrieved.

## Return Type array of formatted strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | *Format(if applicable)* |
| Widget Name(s) | YSDB | “WDGT” | Pass in widget arrays as the second parameter YSDB(“WDGT) | *Ke*y/pairs |
| Widget Columns | YSDB | (“WDGT” WDGT",WIDGETNAME,"COLUMNS) | Pass in widget column arrays  YSDB( “WDGT”,COLUMNS”) | *Ke*y/pairs |
| Widget Criteria  Fields | YSDB | "WDGT",WIDGETNAME,"CRITERIA FIELDS") | Pass in widget criteria column arrays YSDB(“WDGT”,”CRITERIA FIELDS”) | *Ke*y/pairs |
| Widget Criteria  Value | YSDB | WDGT",WIDGETNAME,"CRITERIA VALUE") | Pass in widget column arrays  YSDB(“WDGT”,”CRITERIA Val”) | *Ke*y/pairs |
| Widget Criteria  Expressions | YSDB | WDGT",WIDGETNAME,"CRITERIA EXP) | Pass in widget column arrays  YSDB(“WDGT”,”CRITERIA EXP”) | *Ke*y/pairs |
| User Locations | YSDB | ("USER","LOC") OR ("SITE","LOC") | Pass in User or Setting hospital location | *Ke*y/pairs |

## Results

Returns YSDBDATA array with widget criteria, criteria fields, criteria values, and criteria expressions

YSDBDATA("WDGT",WIDGET NAME"DFN",YSCNT)

### Pattern

High Risk Patients

Number^”count”,patID^dfn","patientname^"patname”,"ReviewDate^”rewviewdate”,Status^”status”,

PRF Flag^”flag”,Widget Name”^”widgetname”

1\_^count”79^dfn,SEVENTYNINE,PATIENT^patname,07/01/2018^reviewdate,ACTIVE^status,HIGH RISK FOR SUICIDE^flag”,”HIGH RISK^"widgetname

SUD Patients to be determined

Triage Patient to be determined

|  |  |
| --- | --- |
| Field | Description of Data |
| count | Unique number that identifies the patient rows |
| dfn | Patient internal number - DFN |
| patient name | Patient Name Last,First MI |
| reviewdate | High Risk PRF review date |
| status | High Risk PRF status |
| flag | High Risk PRF flag |

# YSB GET PAT

TAG: GETPAT

Routine: YSBDAPI4

Description

This returns patient data used for the MH Dashboard.

## Return Type

string

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
| Patient ID | “DFN” | integer | Patient DFN | Key/Value pair |

## Results

Returns formatted string with passed patients demographic information.

### Pattern

Patient ID^ PatientName^SSN4^DOB^AGE^SEX^Street1^Street2^Street3^City^State^ZIP^Phone^Cell^Email

### Description

Description of fields in format.

|  |  |
| --- | --- |
| Field | Description of Data |
| ID | Patient Identifier |
| Name | Patient Name |
| Street1 | Patient Street Address Line 1 |
| Street2 | Patient Street Address Line 2 |
| Street3 | Patient Street Address Line 3 |
| City | Patient City |
| State | Patient State |
| ZIP | Patient ZIP |
| Phone | Patient Phone number |
| Cell | Patient Cell phone |
| SSN4 | Patient last 4 SSN digits |
| Sex | Patient Sex |
| DOB | Patient Date Of Birth |
| Death | Patient Date of Death (0 for not dead) |

# YSB GET PRFS

Tag: GETPRFS

Routine: YSBDAPI4

## Description

This return deep dive patient record flag data used for the MH Dashboard.

## Return Type

Array of formatted strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
| Patient ID | “DFN” | integer | Patient DFN | Key/Value pair |

## Results

Returns YSDBDATA array with one patient’s Patient Records Flags Retrieves deep dive of a single patient. Patient Record Flags in the MH Dashboard (YSDBDATA,YSDB) YSDB("DFN")=DFN)patient id returns YSDBDATA(YSDFN,"PRF",YSCNT) array

### Pattern

For each record found:

DFN^Name^PRF^Origin^Owner^Review^Status^Assigned^Action^Approver^Narrative^Comment

Format returned by results

### Description

Description of fields in format.

|  |  |
| --- | --- |
| Field | Description of Data |
| DFN | Patient ID |
| Name | Patient Name |
| PRF | PRF Flag |
| Origin | Originating site |
| Owner | Owner site |
| Review | Review Date |
| Status | PRF Status |
| Assigned | Assignment Date |
| Action | Action to be taken |
| Approver | Person approving |
| Narrative | Narrative of PRF |
| Comment | Comments made on PRF |

# YSB GET USER

Tag: GETUSER Routine: YSBDAPI1

## Description

This returns deep dive patient data used in the MH Dashboard.

## Return Type array of formatted strings

Formatted array of strings

## Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Key | Value Type | Description | Format(if applicable) |
|  |  |  | Nothing |  |

## Results

Returns YSDBDATA array with user locations, time, clinics.

YSDBDATA("USER","NAME") YSDBDATA("USER","TITLE"), YSDBDATA("USER",”LOC"), YSDBDATA("USER","CLINIC")

### Pattern

Name^Title^PrimarySite^system date

LocID^LocName repeated for all locations related to the user

Format returned by results

BOYD,DIANE S^usernm"

17,MENTAL HEALTH CENTER|26,MENTAL HYGIENE-OPC|^userloc"

-1^^usersite"

3180702^usertime"

Programmer^usertitle"

### Description

Description of fields in format.

|  |  |
| --- | --- |
| Field | Description of Data |
| Name | User Name |
| Title | User Title |
| Primary Site | Primary User Site |
| TimeZone | Time zone for the user |
| LocID | Location ID |
| LocName | Primary clinic/location for the User (integer) |