

Get Past Date Using WS Function

Purpose:

To get the past date in the current user's date format based on the number of days entered.

User Interface:

Log into SAP and on the SAP Easy Access Screen you will see the Liquid UI fields. Enter the 'no. of Days in past' field which is required and click on 'Get past date'.

Liquid UI Code:

```
// SAPLSMTR_NAVIGATION.E0100.sjs
```

```
// Validate if the variable holds blank or null value
```

```
function isBlank(jvar){  
    if(typeof jvar == 'string'){  
        jvar = jvar.trim();  
    }  
    return(jvar == 'undefined' || jvar == null || jvar == "" || jvar == void 0);  
}
```

```
// Change date from 6 digit or 8 digit to correct format
```

```
function formatDate(date,dformat){  
    var date1 = "";  
    month = date.substr(4,6);  
    year = date.substr(0,4);  
    date = date.substr(6,8);
```

```

        switch (dformat){
case '1':
    date1 = date + "." + month + "." + year;
    break;
case '2':
    date1 = month + "/" + date + "/" + year;
    break;
case '3':
    date1 = month + "-" + date + "-" + year;
    break;
case '4':
    date1 = year + "." + month + "." + date;
    break;
case '5':
    date1 = year + "/" + month + "/" + date;
    break;
case '6':
    date1 = year + "-" + month + "-" + date;
    break;
}

return(date1);
}

```

// Get Past date based on the number of days

```

function getPastDate(){
    if(isBlank(z_days)) {
        return('E: Enter number of Days');
    }
}

```

onscreen 'SAPLSMTR_NAVIGATION.0100'

```
var curr_date = new Date();
```

```
curr_date.setMilliseconds(curr_date.getMilliseconds()-(z_days*24*60*60*1000));
```

```

var tmp_cur_month = curr_date.getMonth();
var tmp_cur_date = curr_date.getDate();
var tmp_cur_year = curr_date.getFullYear();

if(tmp_cur_month<9)
    tmp_cur_month = "0"+(tmp_cur_month+1);
else
    tmp_cur_month = (tmp_cur_month+1).toString();

if(tmp_cur_date<10)
    tmp_cur_date = "0"+tmp_cur_date;

z_target_date = formatDate(tmp_cur_year+tmp_cur_month+tmp_cur_date,"2");
enter('?');
}

// User Interface

del('X[IMAGE_CONTAINER]'); // Delete ActiveX Container on SAP Easy Access screen
inputfield([1,1], "No. of Days in past", [1,24], {"name":"z_days", "size":3, "required":true});
inputfield([2,1], "Date", [2,24], {"name":"z_target_date", "size":10});
pushbutton([2,36], "Get past date", "?", {"process":getPastDate});

```

User Interface on easy access screen

The screenshot displays the SAP Easy Access user interface. At the top, there is a standard SAP menu bar with options: Menu, Edit, Favorites, Extras, System, and Help. Below the menu bar is a toolbar containing various icons for navigation and actions. The main content area is titled "SAP Easy Access" and features a sub-toolbar with icons for "Other menu" and "Create role". The primary form area contains two input fields: "No. of Days in past" with a checkbox icon, and "Date" with a yellow rectangular input field. A "Get past date" button is positioned to the right of the "Date" field. The bottom status bar shows the SAP logo, a dropdown menu set to "TRX (1) 800", the user name "juneau", the role "INS", and several system status icons.

Menu Edit Favorites Extras System Help

SAP Easy Access

Other menu Create role

No. of Days in past ☐

Date Get past date

SAP TRX (1) 800 juneau INS

Enter number of Days and click on “Get past date” button (Current date – 08/10/2017)

The screenshot displays the SAP Easy Access web interface. At the top, there is a navigation bar with menu items: Menu, Edit, Favorites, Extras, System, and Help. Below this is a toolbar with various icons for navigation and actions. The main content area is titled "SAP Easy Access" and contains a sub-menu bar with icons for "Other menu" and "Create role". The primary form area includes two input fields: "No. of Days in past" and "Date". The "No. of Days in past" field is currently set to "100" and is highlighted with a red selection box. To the right of these fields is a yellow button labeled "Get past date". The bottom status bar shows the SAP logo, a document icon, and the text "TRX (1) 800", "juneau", "INS", and a lock icon.

No. of Days in past	Date
100	

Get past date

Field 'Date' with the past date as per the number of days entered

The screenshot shows the SAP Easy Access interface. At the top, there is a menu bar with 'Menu', 'Edit', 'Favorites', 'Extras', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main content area is titled 'SAP Easy Access' and contains a sub-menu bar with 'Other menu' and 'Create role'. The main content area has a form with two input fields: 'No. of Days in past' and 'Date'. The 'No. of Days in past' field contains the value '100' and is highlighted with a red box. The 'Date' field contains the value '05/02/2017'. To the right of the 'Date' field is a yellow button labeled 'Get past date'. The bottom status bar shows the SAP logo, a dropdown menu with 'TRX (1) 800', the user name 'juneau', the role 'INS', and a lock icon.

Field	Value
No. of Days in past	100
Date	05/02/2017

Get past date