



## INSTALLATION INSTRUCTIONS

### Requirements

Desktop platforms:	Windows, macOS, Linux
Desktop software:	Notes 11/10/9, Web client
Mobile platforms:	iOS, Android
Server platforms:	Windows, Linux, IBM i, AIX
Server software:	Domino 11/10/9

Implement the instructions below for the "Web Date Picker" and/or "Web Date Field Validation - IsNotesDate() JavaScript function".

### Instructions 1: Web Date Picker

Note: If your custom web app allows Anonymous access, then minimum ACL Anonymous rights is Reader (+ Write public documents) in the Web Date Picker app.

1. Configure Domino server document field **Default regional locale** with value **Server locale** by clicking Internet Protocols tab - Domino Web Engine tab - Web User Preferences, then restart HTTP Domino server task (repeat step if web application is on multiple servers):  
**TELL HTTP RESTART**
2. If your web application is accessed on **multiple web servers**, then create a **replica copy** of the Web Date Picker database on each server. Create all replicas using filename **datepicker.nsf**, otherwise, references to the filename in the code below will need to be edited.
3. **Calendar web link:** (A) Create a **Computed for display** text field named, for example, "dspDatePicker" adjacent to your editable Time/Date data type field. **Copy/Paste** the code below into the field formula. Edit the temporary variable value as commented in the code. (B) **Copy/Paste** the JavaScript code below into the **JS Header Object** of your web form.

#### dspDatePicker Field Formula (Computed for display):

```
REM {Web Date Picker for HCL Notes and Domino integration code};
REM {©1997-2020 IVE Technologies LLC (dba NotesMail) - www.notesmail.com/Crucial-Notes-tools};
REM {Modify the value assigned to targetField temporary variable below to your existing editable Date/Time data type field name.};
REM {Modify the value assigned to WDPfile temporary variable below to your Web Date Picker filename.};
targetField := "datDate";
WDPfile := "datepicker.nsf";
REM {It is not necessary to edit the code below.};
@if(@IsDocBeingEdited & @ClientType = "Web"; ""; @Return(""));
"[-<A HREF="\"javascript:Calendar(\" + targetField + "\")\"><span class=\"popup\" title=\"Date Picker\"><img src=\"\" + WDPfile +
\"/cal_icon.gif\"></span></A>]"
```

#### JS Header Object:

```
// Web Date Picker for HCL Notes and Domino integration code
// ©1997-2020 IVE Technologies LLC (dba NotesMail) - www.notesmail.com/Crucial-Notes-tools
// Modify the value assigned to WDPfile temporary variable below to your Web Date Picker filename.
WDPfile = "datepicker.nsf"
// It is not necessary to edit the code below.
var webClient = navigator.appName + " " + navigator.appVersion;
iOS1 = webClient.indexOf('iPhone'); iOS2 = webClient.indexOf('iPad'); iOS3 = webClient.indexOf('iPod'); droid = webClient.indexOf('Android');
if (iOS1 != '-1' || iOS2 != '-1' || iOS3 != '-1' || droid != '-1') document.cookie = "MobileDevice=1; path=/" + WDPfile;
function Calendar( fieldName ) {
    URL = "/" + WDPfile + "/Calendar?OpenForm";
    document.cookie = "CalendarDefaultDate=" + document.forms[0][fieldName].value + "; path=/" + WDPfile;
    targetDefaultDate= document.forms[0][fieldName].value
    targetField = fieldName;
    opts = "width=225,height=200,status=no,resizeable=no,location=no";
    popupWin=window.open( URL, "WDP", opts);
    popupWin.focus(); }
```

4. **OPTIONAL - Restrict manual field data entry:** The Time/Date data type field should be editable and contain the formula code in the HTML Attributes Object as seen below.

#### HTML Attributes Object (Time/Date data type field):

```
"size=10 maxlength=1"
```

5. **OPTIONAL - Required field:** (A) If your Date/time field is required you should **Copy/Paste** the JavaScript code below into the JS Header Object of your web form to verify the user either entered a date or selected a date using the Web Date Picker. The code should be added to your **JavaScript validation function** which is called after the user clicks the submit button. (B) Edit the field name as commented in the code.

#### JS Header Object:

```
// Modify the datDate field name as seen below to your existing editable Date/Time data type field name.
txtDate = document.forms[0].datDate.value;
txtDateLen = document.forms[0].datDate.value.length;
if (txtDate.replace(/ /g, "") == "" || txtDateLen == 1) { alert("Date is a required field.\n\nPlease click the calendar icon to select a date."); return; }
```

## Instructions 2: Web Date Field Validation - IsNotesDate() JavaScript function

1. **JavaScript Archive Library:** Copy/Paste the code below into the **HTML Head Content Object** which will allow your application to access the JavaScript archive library. Edit the variable value as commented in the code.

### HTML Head Content Object:

```
REM {Web Date Picker for HCL Notes and Domino integration code};
REM {©1997-2020 IVE Technologies LLC (dba NotesMail) - www.notesmail.com/Crucial-Notes-tools};
REM {Modify the value assigned to WDPfile temporary variable below to your Web Date Picker filename.};
WDPfile := "datepicker.nsf";
REM {It is not necessary to edit the code below.};
CR := @Newline;
@if(@IsDocBeingEdited; "<script src=\"" + WDPfile + "\" + \"IsNotesDate?OpenJavascriptLibrary\">" + CR + "</script>"; @Return(""))
```

2. **Date Field Validation:** Copy/Paste the JavaScript code below into the **JS Header Object** of your web form to validate the date selected by the user. The code should be added to your JavaScript validation function which is called after the user clicks the submit button. The example below checks to see if the user entered a valid date in MM/DD/YY format. The parameters in the IsNotesDate() JavaScript function can be changed to check for other date formats and comparisons as commented in the code.

### JS Header Object:

```
// Web Date Picker for HCL Notes and Domino integration code
// ©1997-2020 IVE Technologies LLC (dba NotesMail) - www.notesmail.com/Crucial-Notes-tools
//
// INTERNATIONAL WEB DATE FIELD VALIDATION: IsNotesDate() JavaScript function
//
// PARAMETERS: IsNotesDate(txt_date, num_style, num_sep, num_span, num_date)
//
// txt_date: Date (text data type) i.e. 01/01/2020
// num_style: Date Format Style (num data type) i.e. 1 = MDY, 2 = DMY, 3 = YMD
// num_sep: Date Format Separator (num data type) i.e. 1 = back slash, 2 = dash, 3 = period
// num_span: Date Span (num data type) i.e. 1 = ignore, 2 = Is less equal today, 3 = Is greater equal today
// num_date: Date Compare (num data type) i.e. 1 = ignore, 2 = return date data type value
//
function validation() {
if (!IsNotesDate(txtDate,1,1,1,1)) { alert("Unable to interpret Time or Date"); return; }
document.forms[0].button.value="Processing...";
document.forms[0].submit(); }
```

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## Technical Support



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