

Calculate Next Business Day Date - Readme

Bot Overview

This bot performs the following:

- This calculates the Next Business Date Excluding Weekends (Saturdays & Sundays). Based on the User's Input Date and Business Days.

Pre-Requisites

- Automation Anywhere Enterprise v10 sp2
- Internet Explorer must be installed

Installation

- Download the bot from Bot Store.
- Double click on <Bot Name>.msi and follow the installation instructions.

For first time users, the "Bot Store" folder is created under <AA Directory>/My Tasks (on your local disk).
Folder Structure

Create the following folder structure of the content in the AA Dir:

- My Tasks ○ BotStore
 - ✦ Calculate Next Business Day Date
 - Error Folder ○
 - Logs
 - ✦ Error Logs MonthDayYear
 - ✦ Process Logs MonthDayYear ○ Snapshots
 - ✦ Error Snap MonthDayYearHourMinuteSecond

How to use the Bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
vBusinessDays	Integer	Input	No of Business Days to calculate
vInputDate	String	Input	Input Date from which the next valid business date is calculated
vOutputDate	String	Output	This variable stores the Output (Next Valid Business Date)
vCalculateBusinessDateVBSFile	String	NA	This variable will store the script file path



Bot Store

vMyTaskPath	String	NA	This variable will store Main Folder path for the bot
vLogFileName	String	NA	This variable will store Process Logs File Path for the bot
vErrorLogFileName	String	NA	This variable will store Error Logs File Path for the bot

Error Handling

- Each Bot folder contains the below hierarchy
 - o Error Folder
 - ✦ Logs
 - Error Logs MonthDayYear.txt ⑦ In case of any error, this file logs error message along with time stamp. This file will append all logs for the same day
 - Process Logs MonthDayYear.txt ⑦ This file logs all the process related logs along with time stamp. This file will append all logs for the same day
 - ✦ Snapshots
 - Error Snap MonthDayYearHourMinuteSecond.png ⑦ In case of any error, this file captures screenshot of error - Task Status of bot is set to failed in case of error

Bot Files

- My Tasks
 - o BotStore
 - ✦ Calculate Next Business Day Date
 - My Task
 - o CalculateBusinessDate.atmx

Input/ Output Variables

- **Input Variable** – vBusinessDays (Should not be empty & not zero)
- **Input Variable** – vInputDate (Should not be empty and should be in the below formats)
 - ✦ Input Date should be always in “dd/mmm/yyyy”, “dd/mmm/yy”, “dd-mmm-yy” or “dd-mmm-yyyy” Formats Only. Eg: 26-Sep-18, 26-Sep-2018, 26/Sep/18 Or 26/Sep/2018
 - ✦ The Input Variables (vBusinessDays, vInputDate) must be passed to this



Bot Store

CalculateBusinessDate.atmx file (If Invoking from Another File) and disable the Lines 30 & 31 on **CalculateBusinessDate.atmx** file

- ✦ The Input Variables (vBusinessDays, vInputDate) must be edited in **CalculateBusinessDate.atmx** file (If Using the Task File Directly) in Line 30 & 31

- **Output Variable – vOutputDate**

- ✦ The Output Date is stored in vOutputDate variable. If the Inputs are correctly given, Output will be Date as expected. But if the Input Date is not valid, vOutputDate variable could have the error message

Note: Please refer below How to Call the Bot Example

How to Call the Bot Example (CalculateBusinessDate.atmx)

<p>Comment: This Task Will Calculate The Next Business Date Excluding Weekends (Saturdays & Sundays). Based On The User's Input Date And Business Days.</p> <p>Comment: Input Date Should Be Always In dd/mm/yyyy, dd/mm/yy, dd-mm-yy Or dd-mm-yyyy Formats Only Eg: 26-Sep-18, 26-Sep-2018, 26/Sep/18 Or 26/Sep/2018</p> <p>Comment: If User Needs To Invoke This Task File From Another Task File, He/She Needs To Pass The Input (vBusinessDays And vInputDate) Variables From The Invoker File. While Invoking Please Disable Lines 30 & 31</p> <p>Comment: If User Wants Directly Use This Task File, He/She Needs To Edit Line 30 - vBusinessDays And Line 31 - vInputDate Variables And Pass The Business Days and Input Date Instead Of Empty String</p>
--

Figure 1: How to Call the Bot



Bot Store

Bot Deployment

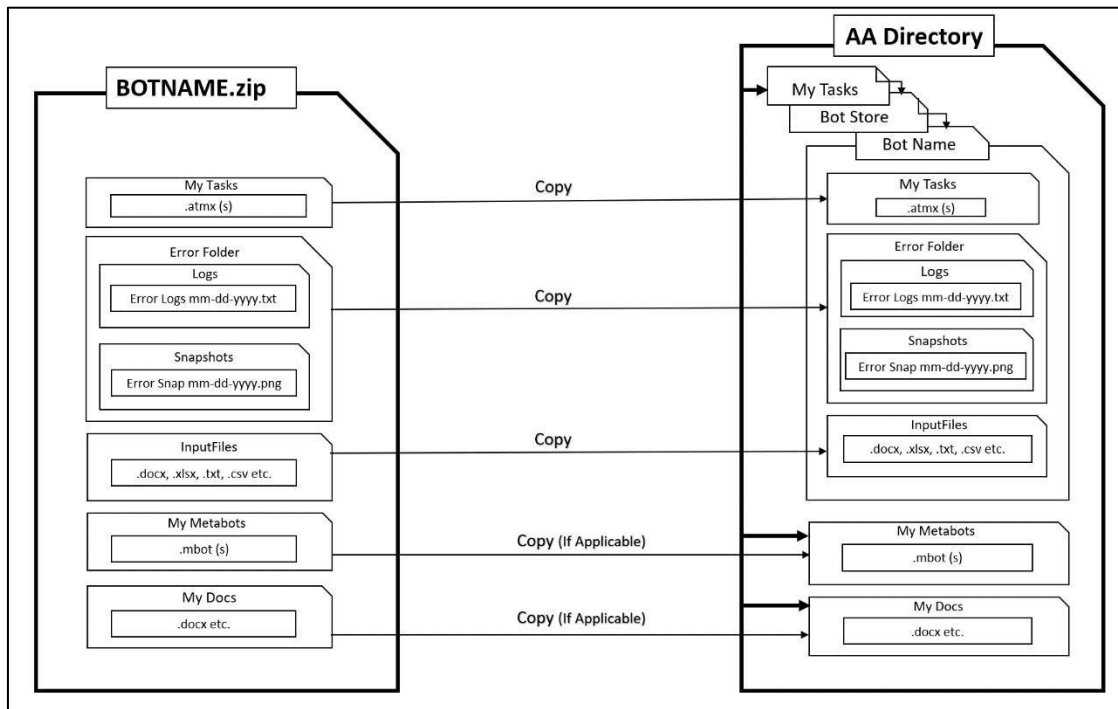


Figure 2: Bot Deployment