



Celebrating 20 Years

DateTime Utility –Readme

Version: 1.0

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Bot Overview

For most of the processes, it is essentially required to perform some Date-Time operations. The Bot has encapsulated some of the most commonly used Date-Time functions; a user can execute any Date-Time function based on certain parameters. List of all Date-Time functions the Bot can perform-

1. Change Date Format
2. Get Date Differences
3. Get Hours Differences
4. Get Minutes Differences
5. Is date less than
6. Is date greater than
7. Extract Month
8. Extract Day
9. Extract Year
10. Leap Year
11. Add Days
12. Add Hours
13. Subtract days
14. Subtract Hours
15. Compare Date

Pre-Requisites

- Automation Anywhere Enterprise v11.x
- MS Excel 2019

Installation

- Download the bot from Bot Store.
- Double click on the .msi file.
- On Welcome to Installation wizard, click Next to continue.
- Click I agree to the terms in the license agreement radio button to accept the agreement.
- Get/Copy the License key from Bot Store Downloads into License Key, click Next to continue.
- Click Install to begin the installation.
- Click Finish to complete the installation.
- To view the installation, go to 'My Tasks' folder on AAE Client to see bot files.

Uninstall

- Open Add/Remove Programs
- Select the Bot/Digital Worker to be installed.
- Click uninstall.

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

- <AA Application Path>
- My Tasks

- Bot Store
 - Date-Time-Utility
 - My Task
 - DateTimeUtility.atmx
 - Error Folder
 - Logs (Folder)
 - Error Logs Month-Day-Year.txt
 - Snapshots (Folder)
 - Error Snap Month-Day-Year.png

How to Use the BOT?

Use the following variable and parameters to configure your bot-

Parameter Name	Type	Direction	Additional Info
vInputDate	String	Input	This variable contains the input date value upon which the date-time operations have to be performed.
vInputDate2	String	Input	This variable contains second input date value; for some of the date-time operations two date values required.
vDesiredDateFormat	String	Input	This variable contains the date format; a user can specify any desired date format for the output date.
vDateOperationType	String	Input	This variable contains the Date-Time operation type a user want to perform on the given input date.
vOutput	String	-	This variable contains the output of the given date-time operation.
vSubtractDays	String	Input	This variable contains the number of the days to be subtracted from the given input date for "Subtract Days" operation.
vSubtractHours	String	Input	This variable contains the number of the hours to be subtracted from the given input date for "Subtract Hours" operation.
vAddDays	String	Input	This variable contains the number of the days to be added from the given input date for "Add Days" operation.
vAddHours	String	Input	This variable contains the number of the hours to be added from the given input date for "Add Hours" operation.
vErrorFolderPath	String	Input	This variable contains the error folder path.
vAuditLogFileName	String	-	This variable contains audit log file path.
vExceptionLogFileName	String	-	This variable contains exception log file path.

Notes:

- The input date format must be “dd/MM/yyyy”.
- It is required to provide date-time function name that has to be performed, please provide the correct Date-Time function name from the below given list.

Date-Time function list and their output type: -

Date –Time Function	Output
Change Date Format	Date
Get Date Differences	Days
Get Hours Differences	Hours
Get Minutes Differences	minutes
Is date less than	True/False
Is date greater than	True/False
Extract Month	Month
Extract Day	Day
Extract Year	Year
Leap Year	TRUE
Add Days	Date
Add Hours	Date
Subtract days	Date
Subtract Hours	Date
Compare date	-1/0/1

Error Handling

- The automation captured all the exceptions and logged those exceptions. Bot stored follows the below-mentioned hierarchy to store details of the exceptions.
 - **Error Folder**
 - **Logs:** Error Logs Month-Day-Year.txt: In case of any error, this file logs error message along with time stamp
 - **Snapshots:** Error Snap Month-Day-Year.png: In case of any error, this file captures screenshot of error.
- Task Status of bot is set to failed in case of error.