DateTime_Operations-Cookie Analytix – Readme

Bot Overview

This bot performs the following:

- Perform date time operations.

Features:

Feature	Description
DayDifferenceBetweenTwoDates	Returns number of days between two given date values.
AddDaysToDate	Returns the date after adding the given date value with number of days value.
SubtractDaysToDate	Returns the date after subtracting the given date value with and number of days value.
AddMonthsToDate	Returns the date after adding the given date value with number of months value.
SubtractMonthsToDate	Returns the date after subtracting the given date value with number of months value.
NameOfTheDay	Returns the name of the day for the given date value.
WeekDayOrWeekEnd	Returns the given date value is weekday or weekend.
WeekDaysBetweenTwoDates	Returns the number of weekdays between two given dates values.
WeekEndsBetweenTwoDates	Returns the number of weekends between two given dates values.
HourBetweenTwoTimes	Returns numbers of hours between two given time values.
MinutesBetweenTwoTimes	Returns numbers of minutes between two given time values.
SecondsBetweenTwoTimes	Returns numbers of seconds between two given time values.
HourBetweenTwoDates	Returns numbers of hours between two given date values.
MinutesBetweenTwoDates	Returns numbers of minutes between two given date values.
GetQuarter	Returns the quarter from the given date value.
SplitDate	Returns the date, month, year, hour, minute, seconds from the given date value.
PercentageOfYearCompleted	Returns percentage of year completed for the given date value.
PercentageOfMonthCompleted	Returns percentage of month completed for the given date value.

Prerequisites

- Automation Anywhere Enterprise v11.x

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

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

<AA Directory>
- My Tasks
  - Bot Store
    - DateTime_Operations-Cookie Analytix (Folder)
      - My Tasks
        - DateTime_Operations-Sample.atmx
      - Error Folder
        - Logs (Folder)
          - Error-Day-Month-Year.txt
        - Snapshots (Folder)
          - Error Snap Month-Day-Year.png
  - My MetaBots
    - DateConversion_Metabot.mbot

How to Use the Bot:

Use the following information to configure your bot:

Common For all logics			
Parameter Name	**Type**	**Direction**	**Additional Info**
vOutput	String	Output	Returns the result to the task bot.
vErrorFolder	String	Input	This is error folder inside bot folder which contains Logs and Snapshots folder (Already defined, no need to add value unless want to change location of file).
vLogFolder	String	Input	This folder contains Log file in case of error (Already defined, no need to add value unless want to change location of file).
vSnapshotFolder	String	Input	This folder contains Screenshot in case of error (Already defined, no need to add value unless want to change location of file).
DayDifferenceBetweenTwoDates / WeekDaysBetweenTwoDates / WeekEndsBetweenTwoDates			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate01	String	Input	Input date
vInDate02	String	Input	Input date
vInFormat01	String	Input	Date format for vInDate01
vInFormat02	String	Input	Date format for vInDate02
AddDaysToDate			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate	String	Input	Input date
vInFormat	String	Input	Date format for vInDate
vDaysToAdd	Int	Input	Number to days to add
vOutFormat	String	Input	Output data format
SubtractDaysToDate			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate	String	Input	Input date
vInFormat	String	Input	Date format for vInDate
vDaysToSubtract	Int	Input	Number to days to subtract
vOutFormat	String	Input	Output data format
AddMonthsToDate			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate	String	Input	Input date
vInFormat	String	Input	Date format for vInDate
vMonthsToAdd	Int	Input	Number to months to add
vOutFormat	String	Input	Output data format
SubtractMonthsToDate			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate	String	Input	Input date

vInFormat	String	Input	Date format for vInDate
vMonthsToSubtract	Int	Input	Number to months to subtract.
vOutFormat	String	Input	Output data format

NameOfTheDay / WeekDayOrWeekEnd / GetQuarter / SplitDate / PercentageOfYearCompleted / PercentageOfYearCompleted			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate	String	Input	Input date
vInFormat	String	Input	Date format for vInDate
HourBetweenTwoTimes / MinutesBetweenTwoTimes / SecondsBetweenTwoTimes			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInTime01	String	Input	Input Time
vInTime02	String	Input	Input Time
HourBetweenTwoDates / MinutesBetweenTwoDates			
Parameter Name	**Type**	**Direction**	**Additional Info**
vInDate01	String	Input	Input date
vInDate02	String	Input	Input date
vInFormat01	String	Input	Date format for vInDate01
vInFormat02	String	Input	Date format for vInDate02

Format specifier	**Description**
"d"	The day of the month, from 1 through 31.
"dd"	The day of the month, from 01 through 31.
"ddd"	The abbreviated name of the day of the week.
"dddd"	The full name of the day of the week.
"f"	The tenths of a second in a date and time value.
"ff"	The hundredths of a second in a date and time value.
"fff"	The milliseconds in a date and time value.
"ffff"	The ten thousandths of a second in a date and time value.
"fffff"	The hundred thousandths of a second in a date and time value.
"ffffff"	The millionths of a second in a date and time value.
"fffffff"	The ten millionths of a second in a date and time value.
"F"	If non-zero, the tenths of a second in a date and time value.
"FF"	If non-zero, the hundredths of a second in a date and time value.
"FFF"	If non-zero, the milliseconds in a date and time value.
"FFFF"	If non-zero, the ten thousandths of a second in a date and time value.
"FFFFF"	If non-zero, the hundred thousandths of a second in a date and time value.
"FFFFFF"	If non-zero, the millionths of a second in a date and time value.
"FFFFFFF"	If non-zero, the ten millionths of a second in a date and time value.
"h"	The hour, using a 12-hour clock from 1 to 12.
"hh"	The hour, using a 12-hour clock from 01 to 12.
"H"	The hour, using a 24-hour clock from 0 to 23.
"HH"	The hour, using a 24-hour clock from 00 to 23.
"K"	Time zone information.
"m"	The minute, from 0 through 59.
"mm"	The minute, from 00 through 59.

"M"	The month, from 1 through 12.
"MM"	The month, from 01 through 12./
"MMM"	The abbreviated name of the month.
"MMMM"	The full name of the month.
"s"	The second, from 0 through 59.
"ss"	The second, from 00 through 59.
"t"	The first character of the AM/PM designator.
"tt"	The AM/PM designator.
"y"	The year, from 0 to 99.
"yy"	The year, from 00 to 99.
"yyy"	The year, with a minimum of three digits.
"yyyy"	The year as a four-digit number.
"yyyyy"	The year as a five-digit number.

Error Handling

- Each Bot folder contains the below hierarchy.
  - o Error Folder
    - Logs
      - Error-Day-Month-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 errors.