



Datetime Utilities

Readme

Version 1.0

18/08/2020

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1. Introduction

This document contains all essential information for the user to make full use of this A2019 Datetime Utilities Package. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Datetime Utilities Package.

1.1 Overview

Provides the most common function for handling date-related data.

1.2 Use cases

The key use cases include:

- Calculate the distance between two date values with the output in one of the indicated units (Days, Hours, Minutes, Seconds).
- Check the leap year.
- Get the length of year or month.
- Get days of year, month or week.

2. Requirements & Prerequisites

2.1 System Requirements

[Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

No specific prerequisites beyond the installation of A2019.

3. Getting Started

3.1 Quick Start
















3.1.1 Setup

No special setup is required.

3.1.2 Configuration and Use

This package contains the following actions:

Date Time Utilities

-  Difference Between Dates
-  Get Day Of Month
-  Get Day Of Week
-  Get Day Of Year
-  Get Days In Month
-  Get Hour
-  Get Length Of Month
-  Get Length Of Year
-  Get Minute
-  Get Month
-  Get Second
-  Get Second
-  Get Year
-  Is Leap Year
-  Now

No	Action	Description	Parameters
1	Difference Between Dates	Calculate the difference between two dates.	Input: <ul style="list-style-type: none"> ● The first date. ● The second date. ● Time unit.(Days, Hours, Minutes, Seconds) Output: <ul style="list-style-type: none"> ● The difference between two dates.
2	Get Day Of Month	Gets the day-of-month component of the date.	Input: <ul style="list-style-type: none"> ● The date time to get the day-of-month. Output: <ul style="list-style-type: none"> ● The day-of-month, from 1 to 31.
3	Get Day Of Week	Gets the day-of-week.	Input: <ul style="list-style-type: none"> ● The date time to get the day-of-week. Output: <ul style="list-style-type: none"> ● The day-of-week.
4	Get Day Of Year	Gets the day-of-year.	Input: <ul style="list-style-type: none"> ● The date time to get the day-of-year. Output: <ul style="list-style-type: none"> ● The day-of-year.
5	Get Days In Month	Get the days in month.	Input: <ul style="list-style-type: none"> ● The date time to get the day in month. Output: <ul style="list-style-type: none"> ● The day in month.

6	Get Hour	Gets the hour.	<p>Input:</p> <ul style="list-style-type: none"> ● The date time to get the day-of-month. <p>Output:</p> <ul style="list-style-type: none"> ● The hours
7	Get Length Of Month	Gets the length of the month in days.	<p>Input:</p> <ul style="list-style-type: none"> ● The year. ● The month. <p>Output:</p> <ul style="list-style-type: none"> ● The length of the month in days, from 28 to 31..
8	Get Length Of Year	Gets the length of the year in days.	<p>Input:</p> <ul style="list-style-type: none"> ● The year. <p>Output:</p> <ul style="list-style-type: none"> ● The length of the year in days, 365 or 366.
9	Get Minute	Gets the minute.	<p>Input:</p> <ul style="list-style-type: none"> ● The date time to get the minutes. <p>Output:</p> <ul style="list-style-type: none"> ● The minutes.
10	Get Month	Gets the month component of the date.	<p>Input:</p> <ul style="list-style-type: none"> ● The date time to get the month. <p>Output:</p> <ul style="list-style-type: none"> ● The month component, expressed as a value between 1 and 12.
11	Get Second	Gets the second.	<p>Input:</p>

			<ul style="list-style-type: none"> ● The date time to get the second. <p>Output:</p> <ul style="list-style-type: none"> ● The second.
12	Get Year	Gets the year component of the date.	<p>Input:</p> <ul style="list-style-type: none"> ● The date time to get the year. <p>Output:</p> <ul style="list-style-type: none"> ● The year.
13	Is Leap Year	Returns an indication whether the specified year is a leap year.	<p>Input:</p> <ul style="list-style-type: none"> ● A 4-digit year. <p>Output:</p> <ul style="list-style-type: none"> ● Return true if year us a leap year, otherwise false.
14	Now	Get current date and time	<p>Input:</p> <ul style="list-style-type: none"> ● The formatting conventions to display the date time. <p>Output:</p> <ul style="list-style-type: none"> ● The current date and time.

4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

4.2 FAQs

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).

Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
<i>1</i>	<i>1.0.0-</i>	<i>2020/08/18</i>	<i>FJP</i>	

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here