

# Set Pipeline Parameter

This command can be used to set the value of a pipeline parameter to a specified value as defined by the user. Also see [Set Pipeline Parameter to Data Value](#) and [Set Pipeline Parameter from Expression](#) for other options to define pipeline parameter values.

## Pipeline command

This command can be found in the Pipeline Workshop within the Pipeline Control folder as shown below:

```
Set_Pipeline_Parameter
/PARAMETER_NAME=
/PARAMETER_VALUE=
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
! /PARAMETER_VALUE_APPEND=
! /MULTI_PASS=FALSE
;
```

## Command Parameters

The following table shows the command parameters that can be used to define the command and their descriptions:

| Parameter                           | Description                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Parameter Name</b>               | The name of the Pipeline Parameter. The parameter is referred to by other commands using two colons (::) in front of the parameter name                                                                                                                                                                                                                     |
| <b>Parameter Value</b>              | The value of the parameter. If a "+" delimiter is used in the value, the text string is maintained so that the Pipeline parameter is interpreted as multiple values when used in a command. If a "+" delimiter is used in the value, the entries in the line are concatenated, and will be treated as a single value when they are used in another command. |
| <b>Parameter Value Search For</b>   | Search for parameters with this value                                                                                                                                                                                                                                                                                                                       |
| <b>Parameter Value Replace With</b> | Replace the searched for value with this value                                                                                                                                                                                                                                                                                                              |
| <b>Multi Pass</b>                   | True or False:                                                                                                                                                                                                                                                                                                                                              |

## Example: Set Pipeline Values via Search and Replace

This example sets pipeline parameters and new values via search and replace. The pipeline parameter **original** and the string value **replacethexxxx**, is set to the pipeline parameter **newparameter** and replaced with the string **replacethezzzz**.

```
!Set the Pipeline parameter original to the value replacethexxx
Set_Pipeline_Parameter
/PARAMETER_NAME=original
/PARAMETER_VALUE=replacethexxx
;

! Set the Pipeline parameter newparameter to a new value replacethezzzz by
replacing
! part of the string zzzz for xxxx
Set_Pipeline_Parameter
/PARAMETER_NAME=newparameter
/PARAMETER_VALUE=replacethexxx
/PARAMETER_VALUE_SEARCH_FOR=xxxx
/PARAMETER_VALUE_REPLACE_WITH=zzzz
;
```

## Example: Set Pipeline Parameter Value to a String

For example, the following command creates a global parameter **SIGNALS** which contains the string **RightFoot1+RightFoot2+RightFoot3**. A low pass filter is run on the pipeline parameter **SIGNALS**.

```
Set_Pipeline_Parameter
/Parameter_Name=SIGNALS
/Parameter_Value=RightFoot1+RightFoot2+RightFoot3
;

! All three signals will be processed with low pass filter
Lowpass_Filter
/Signal_Types=ORIGINAL+ORIGINAL+ORIGINAL
/Signal_Names=:SIGNALS
;
```

## Example: Search and Replace + Sign

The plus sign typically indicates different a list of values, but sometimes a user may want to search and replace a plus sign. This is allowed if the user types \+. An example is below:

```
Set_Pipeline_Parameter
/PARAMETER_NAME=TEST
/PARAMETER_VALUE=A + B
/PARAMETER_VALUE_SEARCH_FOR=\+
/PARAMETER_VALUE_REPLACE_WITH=-
;
```

**Result: ::TEST = A - B**

```
Set_Pipeline_Parameter
```

```
/PARAMETER_NAME=TEST
/PARAMETER_VALUE= A - B
/PARAMETER_VALUE_SEARCH_FOR=-
/PARAMETER_VALUE_REPLACE_WITH=\+
;
```

**Result: ::TEST = A + B**

## Example: Set Pipeline Parameter Multi-Pass

MultiPass was introduced january 21, 2014

The resulting parameter could be a new pipeline parameter

for example, the resulting string could be ::VALUE If MultiPass were true, this should return the value of the parameter VALUE not the string ::VALUE example:

```
Set_Pipeline_Parameter
/PARAMETER_NAME=TEST
/PARAMETER_VALUE=SCOTT
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
! /PARAMETER_VALUE_APPEND=
;
```

Pipeline Parameter : ::TEST = SCOTT

-----

```
Set_Pipeline_Parameter
/PARAMETER_NAME=ONE
/PARAMETER_VALUE=KEITH
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
! /PARAMETER_VALUE_APPEND=
;
```

Pipeline Parameter : ::ONE = KEITH

-----

```
Set_Pipeline_Parameter
/PARAMETER_NAME=SCOTTKEITH
/PARAMETER_VALUE=7
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
```

```
! /PARAMETER_VALUE_APPEND=
;
```

Pipeline Parameter : ::SCOTTKEITH = 7

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if we set MULTI\_PASS= FALSE

```
Set_Pipeline_Parameter
/PARAMETER_NAME=FINAL
/PARAMETER_VALUE=: : SCOTTKEITH
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
! /PARAMETER_VALUE_APPEND=
! /MULTI_PASS=FALSE
;
```

Pipeline Parameter : ::FINAL = ::SCOTTKEITH

if we set MULTI\_PASS= TRUE

```
Set_Pipeline_Parameter
/PARAMETER_NAME=FINAL
/PARAMETER_VALUE=: : SCOTTKEITH
! /PARAMETER_VALUE_SEARCH_FOR=
! /PARAMETER_VALUE_REPLACE_WITH=
! /PARAMETER_VALUE_PREFIX=
! /PARAMETER_VALUE_APPEND=
/MULTI_PASS=true
;
```

Pipeline Parameter : ::FINAL = 7

**NOTE:** If the above does not work (if FINAL is not set to 7, and MULTI\_PASS is set to TRUE), instead of writing “::SCOTTKEITH”, use “:&&::SCOTTKEITH”.

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