

Event TPR Signal

Overview

- Describe the functionality of the command
- Placement within pipeline folders
- Use cases
- Requirements for use (i.e gait event labels can only be used if force assignments exist)

Pipeline Command

```
Event_TPR_Signal
/SIGNAL_TYPES=
! /SIGNAL_FOLDER=ORIGINAL
/SIGNAL_NAMES=
! /PATTERN_FILE=
! /PATTERN_TYPE=
! /PATTERN_FOLDER=ORIGINAL
! /PATTERN_SIGNAL=
/PATTERN_EVENT_NAME=
! /PATTERN_EVENT_INSTANCE=1
! /SELECT_X=FALSE
! /SELECT_Y=FALSE
! /SELECT_Z=FALSE
! /TPR_WINDOW=7
! /TOLERANCE=20.0
/EVENT_NAME=
;
```

Command Parameters

The following table shows the command parameters and descriptions:

Parameter	Description
/SIGNAL_TYPE=	Specifies the type of signal being analyzed (Analog, Link Model Based, etc.)
! /SIGNAL_FOLDER=ORIGINAL	The folder where the signal is stored.
/SIGNAL_NAMES=	Defines the specific signal name within the selected type
! /PATTERN_FILE=	...
! /PATTERN_TYPE=	...
! /PATTERN_FOLDER=ORIGINAL	...
! /PATTERN_SIGNAL=	...
/PATTERN_EVENT_NAME=	...

! /PATTERN_EVENT_ISNTANCE=1 ...	
! /SELECT_(X,Y,Z)=FALSE	Determines which component of the signal should be evaluated (TRUE/FALSE)
! /TPR_WINDOW=7	Set number of windows which the TPR algorithm will base it's predictions off of.
! /TOLERANCE=20.0	"Goodness of fit" for the match.
/EVENT_NAME=	The Event Name to be placed on the labels for the generated events.

Dialog

The command can be edited in a text editor or in a dialog form. To edit in the dialog pop up form either click on the **Edit** button in the pipeline workshop or double-click on the pipeline command. The dialog is shown below.

Create Events Using Target Pattern Recognition (TPR)

Events

New Event

Pattern Event

Copy Signal

Pattern File

Pattern Type

Pattern Signal

Pattern Folder

Components ☐ X ☐ Y ☐ Z

Pattern Matching Parameters

Tolerance (%)

Frame Window

Done Cancel

Examples

Simple example

Showing functionality of the command, using a diagram possibly to show output.

Complex example

Combine with other commands and show step-by-step process for frequent use case

Notes

- Important considerations (anything included in the page before the reformat)

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