

Event Save TPR Signal

Overview

The 'Event_Save_TPR_Signal' command is used to create and save a Target Pattern Recognition (TPR) file. This file captures the shape of a signal surrounding a specific event and is later used in pattern-matching commands like 'Event_TPR_Signal' or 'Event_TPR_File'.

- Works by taking a window frames around an event and saving that signal segment as a template than can be used for event detection in other trials.

Requirements:

- A well-defined event must already exist in the file, and the signal around the event must be clearly identifiable and stable.
- The radius (number of frames before/after) should capture the full motion feature.

Pipeline Command

The pipeline command is shown below as seen in the Visual3D application:

```
Event_Save_TPR_Signal
! /FILE_NAME=
! /PATTERN_FILE=
/SIGNAL_TYPES=
! /SIGNAL_FOLDER=ORIGINAL
/SIGNAL_NAMES=
/PATTERN_EVENT_NAME=
! /PATTERN_EVENT_INSTANCE=1
! /TPR_RADIUS=7
;
```

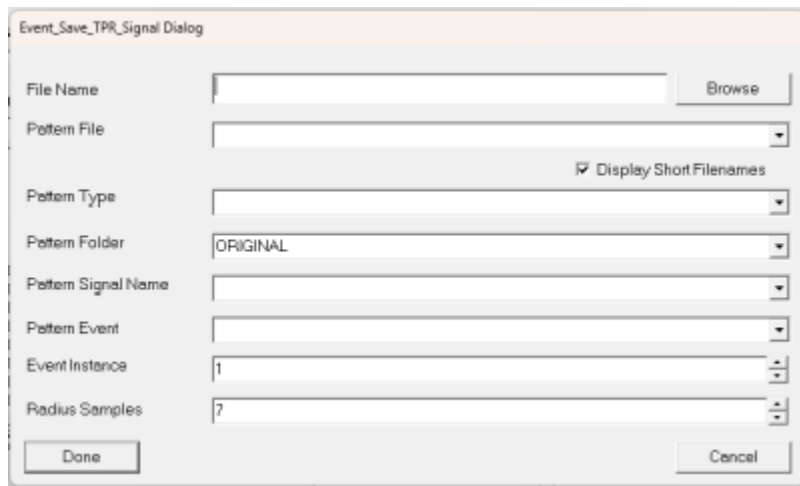
Command Parameters

The following table shows the command parameters and descriptions:

Parameter	Description
-----------	-------------

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.



The image shows a software dialog box titled "Event_Save_TPR_Signal Dialog". It contains several input fields and controls:

- File Name:** A text input field with a "Browse" button to its right.
- Pattern File:** A dropdown menu.
- Pattern Type:** A dropdown menu.
- Pattern Folder:** A dropdown menu with "ORIGINAL" selected.
- Pattern Signal Name:** A dropdown menu.
- Pattern Event:** A dropdown menu.
- Event Instance:** A numeric input field with the value "1" and up/down arrow buttons.
- Radius Samples:** A numeric input field with the value "7" and up/down arrow buttons.
- Display Short Filenames:** A checked checkbox.
- Buttons:** "Done" and "Cancel" buttons at the bottom.

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)

From:
<https://has-motion.com/wiki/> - Wiki Documentation Site

Permanent link:
https://has-motion.com/wiki/doku.php?id=visual3d:documentation:pipeline:event_commands:event_save_tpr_signal&rev=1745601539

Last update: 2025/04/25 17:18

