

# Hvreventtool

Since v5.6.0/0

## Contents

- [Name](#)
- [Synopsis](#)
- [Description](#)
- [Options](#)
- [Example](#)
- [See Also](#)

## Name

**hvreventtool** - Manage HVR events

## Synopsis

**hvreventtool** [-options] [-h class] [-u user] *hubdb*

## Description

Command **hvreventtool** allows you to manage (add/edit/change state) events. The primary use of this command is to cancel events which are long running/not responding.

The argument *hubdb* specifies the connection to the hub database. For more information about supported hub databases and the syntax for using this argument, see [Calling HVR on the Command Line](#).

Events are any user action/activity that makes changes in HVR. HVR events are maintained in catalog tables **hvr\_event** and **hvr\_event\_result** in hub database. Following are the different states of HVR Events

-

- **PENDING** - Indicates an event is in pending state.
- **DONE** - Indicates an event is completed/finished.
- **FAILED** - Indicates an event is cancelled/failed.

Sample event:

```
"2019-06-07T12:31:46.475Z": {
  "type": "Refresh_Classic_Command",
  "user": "admin",
  "description": "HVR Refresh",
  "channel": "hvr_demo",
  "state": "DONE",
  "start_tstamp": "2019-06-07T12:31:46.475Z",
  "finish_tstamp": "2019-06-07T12:31:46.475Z",
  "body": {"os_user": "admin", "channel": "hvr_demo", "source_loc": "src", "
target_locs": ["tgt"], "tables": ["dm_order", "dm_product"], "options": ["-g b", "-
P 2", "-s", "-r src"]}
}
```

## Options

This section lists and describes all options available for **hvreventtool**.

Parameter	Description
<b>-a</b> <i>ev_type</i>	Add or create a new event. Event type <i>ev_type</i> should be specified with this option. The default state of a new event is <b>PENDING</b> .
<b>-b</b> <i>ev_body</i>	Add event <i>body</i> in JSON format for an event. This can be used only when adding (option <b>-a</b> ) a new event.
<b>-c</b> <i>chn_name</i>	Assign channel <i>chn</i> for an event. This can be used only when adding (option <b>-a</b> ) a new event.
<b>-d</b>	Set event state as <b>DONE</b> without a response text when adding (option <b>-a</b> ) or editing (option <b>-i</b> ) an event. <ul style="list-style-type: none"><li>• When adding a new event, the new event is created in <b>DONE</b> state.</li><li>• When editing an event, change the state from <b>PENDING</b> to <b>DONE</b>.</li></ul>
<b>-f</b>	Set event state as <b>FAILED</b> when adding (option <b>-a</b> ) or editing (option <b>-i</b> ) an event. <ul style="list-style-type: none"><li>• When adding a new event, the new event is created in <b>FAILED</b> state.</li><li>• When editing an event, change the state from <b>PENDING</b> to <b>FAILED</b>.</li></ul>
<b>-h</b> <i>class</i>	Location <i>class</i> of the hub database. Valid values for <i>class</i> are <b>db2</b> , <b>db2i</b> , <b>ingres</b> , <b>mysql</b> , <b>oracle</b> , <b>postgresql</b> , <b>sqlserver</b> , or <b>teradata</b> . For more information, see <a href="#">Calling HVR on the Command Line</a> .
<b>-i</b> <i>ev_id</i>	Edit or change event. Event ID <i>ev_id</i> should be specified with this option.
<b>-l</b> <i>result_loc_source</i>	Add source location name in event result. This option can only be used when adding result (option <b>-R</b> ) to an event.
<b>-L</b> <i>result_loc_target</i>	Add target location name in event result. This option can only be used when adding result (option <b>-R</b> ) to an event.
<b>-r</b> <i>ev_responsetext</i>	Add response text <i>resptext</i> for an event. This option can only be used when changing the event state using options <b>-d</b> and <b>-f</b> .
<b>-R</b> <i>result</i>	Add <i>result</i> for an event.
<b>-t</b> <i>result_table</i>	Add the table in event result. This option can only be used when adding result (option <b>-R</b> ) to an event.
<b>-T</b> <i>ev_textdescr</i>	Add description for an event. This can be used only when adding (option <b>-a</b> ) a new event.
<b>-u</b> <i>user[/pwd]</i>	Connect to hub database using DBMS account <i>user</i> . For some databases (e.g. SQL Server) a password must also be supplied.

## Example

- To change an event's state from **PENDING** to **FAILED** :

```
hvreventtool -i -f -r "Manually cancelling because of ..." myhub  
/myhubpwd 2018-12-12T23:59:59.000Z
```

- To change an event's state from **PENDING** to **DONE**:

```
hvreventtool -i -d -r "Took 1 hour" myhub/myhubpwd 2018-12-12T23:59:  
59.000Z
```

- To add a custom event (default is **PENDING** state):

```
hvreventtool -a myhub/myhubpwd TakingBackup
```

## See Also

[Events](#), [Hvreventview](#)