

EVENT

EVENT action

Function

Synchronous/asynchronous starting of a subevent.

Declaration

```
EVENT eventId [(pubLoc1=param1, pubLoc2=param2, ... ,
pubLoc10=param10)] [ASYNC]
```

Parameters

eventId	in	Identifier of a Event type object.
pubLoc1, pubLoc2, ..., pubLoc10	in	Local variables of <i>PUBLIC</i> type in the called event, the specified parameters will be assigned to.
param1, param2, ..., param10	in	Local variables - their values will be assigned to the local variables of <i>PUBLIC</i> type.

Description

Before the subevent starts there are automatically filled:

- the values of *PUBLIC* local variables.
- the predefined variables *_FROM_HIP*, *_HIP_PAR_STR*, *_HIP_USER_DESC* according to the script called.

Without the keyword **ASYNC**, the subscript is to be started synchronously. The action **EVENT** is terminated after the subevent termination. Values of *PUBLIC* local variables are to be assigned to the called event (IN OUT parameters in principle). If the called event is terminated by an error, the calling event is not terminated and continues in the execution of the next action.

For asynchronous calling an event (the keyword **ASYNC**), the calling event doesn't wait for the termination of the running event.

When you are using local variables of the *RECORD* type, it is necessary that the types of the variables must be the same in the called and calling events, in regard to the **NOALIAS** attribute.

Examples

Asynchronous calling of the script (no parameters)

```
;script that calls
BEGIN
MESSAGE "script began" ON srvskol1v.HIP
  EVENT E.podevent ASYNC
MESSAGE "script ended" ON srvskol1v.HIP
END
```

```
;called script "E.podskript"
BEGIN
MESSAGE "subscript began" ON srvskol1v.HIP
DELAY 200[ms]
MESSAGE "subscript ended" ON srvskol1v.HIP
END
```

Synchronous calling of the subscript (no parameters)

```
;script that calls
BEGIN
MESSAGE "script began" ON srvskol1v.HIP
  EVENT E.podevent
MESSAGE "script ended" ON srvskol1v.HIP
END
```

```
;called script "E.podskript"  
BEGIN  
  MESSAGE "subscript began" ON srvskol1v.HIP  
  DELAY 100[ms]  
  MESSAGE "subscript ended" ON srvskol1v.HIP  
END
```



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