
AIMMS Function Reference - GMPEvent Procedures and Functions

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GMP::Event Procedures and Functions

AIMMS supports the following procedures and functions for creating and managing events:

- `GMP::Event::Create`
- `GMP::Event::Delete`
- `GMP::Event::Reset`
- `GMP::Event::Set`

GMP::Event::Create

The function `GMP::Event::Create` creates a new event.

```
GMP::Event::Create(  
  Name          ! (input) a string expression  
)
```

Arguments:

Name

A string expression holding the name of the event.

Return value:

The function returns an element in the set `AllGMPEvents`.

See also:

The routines `GMP::Event::Delete`, `GMP::Event::Reset` and `GMP::Event::Set`, and Section [21.6](#) of the Language Reference.

GMP::Event::Delete

The procedure `GMP::Event::Delete` deletes an event.

```
GMP::Event::Delete(  
    Event      ! (input) an event  
)
```

Arguments:

Event
An element in the set `AllGMPEvents`.

Return value:

The procedure returns 1 on success, or 0 otherwise.

See also:

The routines `GMP::Event::Create`, `GMP::Event::Reset` and `GMP::Event::Set`, and Section 21.6 of the Language Reference.

GMP::Event::Reset

The procedure `GMP::Event::Reset` resets an event.

```
GMP::Event::Reset(  
    Event      ! (input) an event  
)
```

Arguments:

Event
An element in the set `AllGMPEvents`.

Return value:

The procedure returns 1 on success, or 0 otherwise.

Remarks:

The state of the event will be reset to the state just after creating the event.

See also:

The routines `GMP::Event::Create`, `GMP::Event::Delete` and `GMP::Event::Reset`, and Section [21.6](#) of the Language Reference.

GMP::Event::Set

The procedure `GMP::Event::Set` activates an event.

```
GMP::Event::Set(  
  Event      ! (input) an event  
)
```

Arguments:

Event
An element in the set `AllGMPEvents`.

Return value:

The procedure returns 1 on success, or 0 otherwise.

See also:

The routines `GMP::Event::Create`, `GMP::Event::Delete` and `GMP::Event::Reset`, and Section [21.6](#) of the Language Reference.