

Using the draw_trail script:

You must use the draw_trail script on one of the Draw events in the object you wish to draw the trail from.

The script takes 6 arguments:

| Argument | Type | Description |
|----------|---------|---|
| Length | Integer | It determinates the number of coordinates that the script will use to draw the trail. |
| Width | Integer | Pretty straight forward, it determinates the initial width of the trail. |
| Color | Integer | It determinates the color used to tint the trail, you can use the color constants from GM or the color making functions. |
| Sprite | Integer | It determinates the texture that will be used for the trail, the sprite must have been marked as "Used for 3D", a value of -1 can be used if you don't wish to use any texture. |
| Slim | Boolean | It determinates whether the trail must slim down at its end (true) or not (false) |
| Alpha | Real | It determinates the alpha to draw the trail with. |

Example:

```
draw_trail(16,32,c_white,-1,1,1);
```

Using the draw_trail_ext script:

The script draw_trail_ext uses an alternate, more optimized method to achieve the same effect. However you must first prepare the effect before drawing it.

Script trail_init:

The script trail_init will only declare the variable GridTrail, which will be used to store the Grid that will be used to store the coordinates of the effect, and takes no arguments.

```
trail_init();
```

Script trail_calculate:

You will need to use the script trail_calculate after the coordinates of the object have been updated. It's recommend to use it on the End Step event. The trail_calculate script takes one argument:

| Argument | Type | Description |
|----------|---------|--|
| Length | Integer | It determinates the number of coordinates that the script will use to calculate the trail. |

Example:

```
trail_calculate(16);
```

Script draw_trail_ext:

The script draw_trail_ext will draw the effect using the coordinates previously acquired with trail_calculate, and must be used on one of the Draw events. The script takes 5 arguments:

| Argument | Type | Description |
|----------|---------|---|
| Width | Integer | Pretty straight forward, it determinates the initial width of the trail. |
| Color | Integer | It determinates the color used to tint the trail, you can use the color constants from GM or the color making functions. |
| Sprite | Integer | It determinates the texture that will be used for the trail, the sprite must have been marked as "Used for 3D", a value of -1 can be used if you don't wish to use any texture. |
| Slim | Boolean | It determinates whether the trail must slim down at its end (true) or not (false) |
| Alpha | Real | It determinates the alpha to draw the trail with. |

Example:

```
draw_trail_ext(32,c_white,-1,1,1);
```

Script trail_destroy:

In order to free the memory used by the trail effect and prevent memory leaks, you must use the script `trail_destroy` when the trail effect is no longer needed, such as in the Destroy event or the Room End event. The `trail_destroy` simply destroys the grid used to store the coordinates for the effect, and takes no arguments.

Example:

```
trail_destroy();
```