

system.tag.write

This function is used in **Python Scripting**.

Description

Writes a value to a tag. Note that this function writes asynchronously. This means that the function does not wait for the write to occur before returning - the write occurs sometime later on a different thread.

Client Permission Restrictions

This scripting function has no [Client Permission](#) restrictions.

Syntax

system.tag.write(tagPath, value, suppressErrors)

- Parameters

- [String](#) tagPath - The path of the tag to write to.

- [Object](#) value - The value to write.

- [Boolean](#) suppressErrors - A flag indicating whether or not to suppress errors. (optional, client-only).

- Returns

- [int](#) - 0 if the write failed immediately, 1 if it succeeded immediately, and 2 if it is pending.

- Scope

- All

Code Examples

Code Snippet

```
# This code would go on a property change event for a numeric text field to calculate and write a value to a tag.
```

```
if event.propertyName == intValue:  
    calcValue = event.newValue * 2.5  
    system.tag.write("Tanks/tankHiSP", calcValue)
```