



Gosiger GO.Macro IF

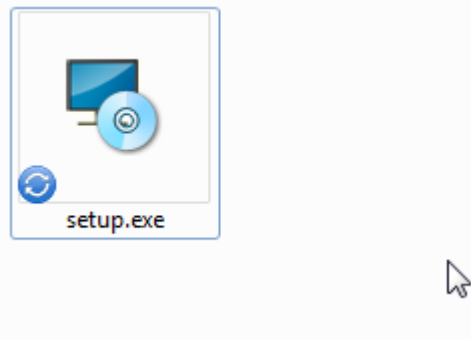
User guide
2015

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Installation

Run the setup.exe and follow the instructions. If your machine does not already have .NET Framework version 4 it will be installed automatically.

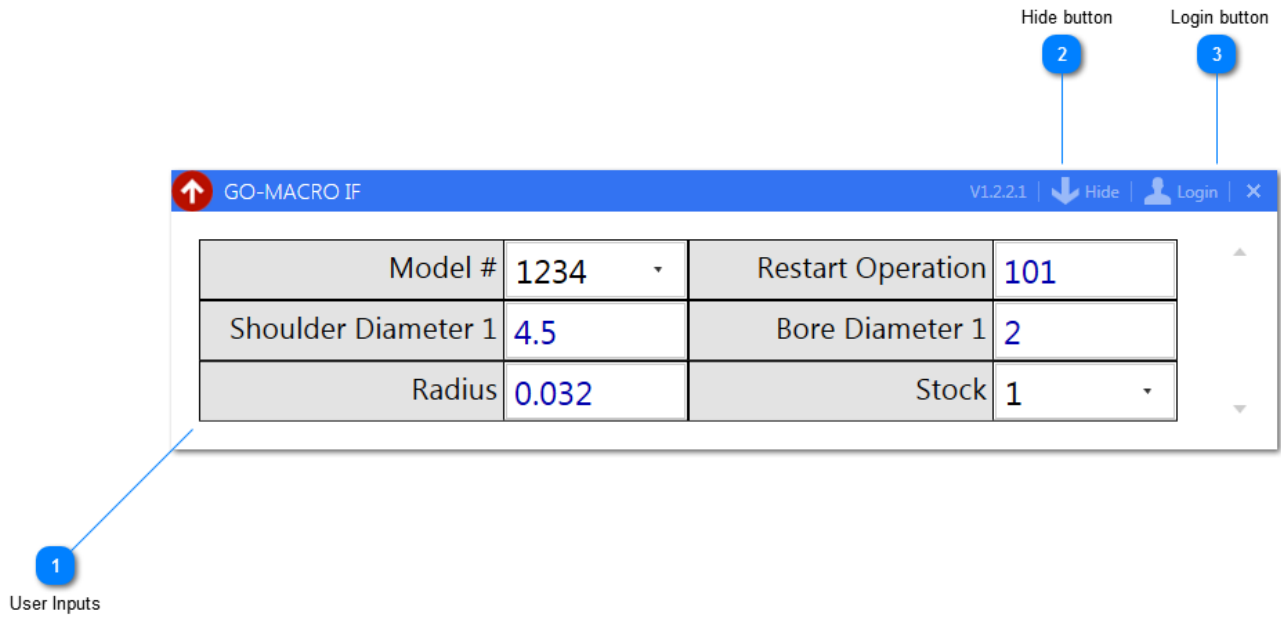


Prerequisites

.NET Framework 4.0 (included in the installer)

Okuma THiNC API V1.16.1 (not included)

GO-Macro IF window



1 User Inputs

Model #	1234	Restart Operation	101
Shoulder Diameter 1	4.5	Bore Diameter 1	2
Radius	0.032	Stock	1

2 Hide button



Push this button to hide the application. The application will still be running in the background and can be recalled using the button on the Okuma vertical function key menu

3 Login button



Push this to login/logout

Operation Mode

The Gosiger GO.Macro Interface provides an easy to use interface between the user and the Okuma Common Variable table. The operator is presented with a list of input options that are bound to a common variable. For instance in the example below 'Shoulder Diameter 1' is bound to common variable 109. When the operator types a value into the box and pushes the write key and clicks 'Update' the value is transferred to Common Variable 109. If Common Variable 109 is changed in the program the change will be reflected in the interface. It is bound both ways.

GO-MACRO IF V1.2.2.1 Hide Login

Model #	1234	Restart Operation	101
Shoulder Diameter 1	4.5	Bore Diameter 1	2
Radius	0.032	Stock	1

Update

Updating Values

After updating a value the 'Write' key must be pressed to submit the new value (except choice values). an asterik will appear next to the variable name (see Shoulder Diamter 1 below). Once a value is ready to be written the 'Update' button is enabled. Multiple values can be updated at the same time. Any value with an asterik will be written when the update button is pressed.

Model #	1234	Restart Operation	101
* Shoulder Diameter 1	4.6	Bore Diameter 1	2
Radius	0.032	Stock	1

Update

Input Errors

Limits can be set on the input operators are allowed to give for each variable. Below is an example of input error. The update button will be disabled as long as an input error exists.

Model #	1234	Restart Operation	101
Shoulder Diameter 1	1	'Value' must be between LowerLimit (1.1) and UpperLimit (5.7). You entered 1.	
Radius	0.032	Stock	1

Update

Edit Mode

Edit mode allow you to make changes to, add or remove variable configurations.

Entering Edit Mode

To enter edit mode click the 'Login' button and enter the password. The default password is 2100.







GO-MACRO IF V1.2.2.1 | Hide 

Model #	1234	Restart Operation	101
Shoulder Diameter 1	1.1	Bore Diameter 1	2
Radius	0.032	Stock	1

Update

Editing

Once you have logged in you will see edit icons next to each of the variables along with buttons at the bottom that will allow you to add/delete variable configurations.

 Model #	1234 ▾	 Restart Operation	101	▲
 Shoulder Diameter	1.1	 Bore Diameter 1	2	
 Radius	0.032	 Stock	1 ▾	▼

Update Add Delete

Variable options

The variables options window allows you to setup the paramters for each variable.

USER VARIABLE SETTINGS ✕

Description:

Variable Number:

Display Order:

Value Type:

Choices:

- 1231
- 1232
- 1233
- 1234

Lower Limit:

Upper Limit:

Exiting Edit Mode

To exit Edit mode and return to Operation Mode click the Logout button.

GO-MACRO IF V1.2.2.1 | Hide | Logout

Model #	1234	Restart Operation	101
Shoulder Diameter	1.1	Bore Diameter 1	2
Radius	0.032	Stock	1

Update Add Delete

User Variable Profile

The configured user variables are saved to man-readable text file. The file is saved here: Documents\Gosiger\GO.MacroIF\VariableDescr.json. This file is portable and can be moved between machines. This is helpful if you want multiple machines configured the same. This file can also be edited offline. If there is a problem with the file you can delete it and restart the application. The default file will be rewritten on startup.

The file in JSON format.

```
[
  {
    "Description": "Model #",
    "ID": "fcd2b607-7dc4-4e76-851c-8b866281dee4",
    "Number": 100,
    "DisplayOrder": 1,
    "ValueType": 2,
    "Choices": [
      1231.0,
      1232.0,
      1233.0,
      1234.0
    ],
    "LowerLimit": -999.999,
    "UpperLimit": 999.999,
    "Value": 1234.0
  },
  {
    "Description": "Restart Operation",
    "ID": "87043923-d168-4f8e-91dd-f594fce08fb4",
    "Number": 101,
    "DisplayOrder": 2,
    "ValueType": 0,
    "Choices": [],
    "LowerLimit": 100.0,
    "UpperLimit": 220.0,
    "Value": 101.0
  },
  {
    "Description": "Shoulder Diameter 1",
    "ID": "84211fd8-0000-428e-86de-79caa63f8e7d",
    "Number": 102,
    "DisplayOrder": 3,
    "ValueType": 1,
    "Choices": [],
    "LowerLimit": 1.1,
    "UpperLimit": 5.7,
    "Value": 4.5
  },
  {
    "Description": "Bore Diameter 1",
    "ID": "fdd12c55-b37d-4c91-82a0-35b4a950fed8",
    "Number": 103,
    "DisplayOrder": 4,
    "ValueType": 1,
    "Choices": [],
```

```
"LowerLimit": 1.1,
"UpperLimit": 2.125,
"Value": 2.0
},
{
  "Description": "Radius",
  "ID": "217768b9-3b99-41ee-9969-eac37a222204",
  "Number": 104,
  "DisplayOrder": 5,
  "ValueType": 1,
  "Choices": [],
  "LowerLimit": 0.0125,
  "UpperLimit": 2.125,
  "Value": 0.032
},
{
  "Description": "Stock",
  "ID": "0e297289-3293-40d2-842b-5d5e1e5bfa06",
  "Number": 105,
  "DisplayOrder": 6,
  "ValueType": 2,
  "Choices": [
    0.25,
    0.5,
    1.0,
    1.25
  ],
  "LowerLimit": 1.1,
  "UpperLimit": 2.125,
  "Value": 1.0
}
]
```

Support

Please report any bugs or suggestions to jweaver@gosiger.com. If you are reporting a problem please include the log file from this location : Documents\Gosiger\GO.MacroIF\logs