
3DMouse Provider
3Dconnexion 3DMouse

Version 1.0

DENSO WAVE INC.

1. Installation

- In case of VC provider

Install : regsvr32 CaoProv3DMouse.dll
Uninstall : regsvr32 -u CaoProv3DMouse.dll

- In case of VB provider

Install : regsvr32 CaoProv3DMouseVB.dll
Uninstall : regsvr32 -u CaoProv3DMouseVB.dll

2. Supported Functions

2-1. CaoController class

(1) AddController(<ControllerName>,<ProviderName>,<Machine>,<Option>) ' Connect

- In case of VC provider

<ProviderName>: "CaoProv.3DConnexion.3DMouse"
<Option> : NOT USED

- In case of VB provider

<ProviderName>: "CaoProv.VBGateway"
<Option> : "VBP=CaoProv_3DMouseVB"

(2) get_VariableNames ' Get variable names

(3) AddVariable(<VariableName>,<Option>) ' Get a variable object

<VariableName>: One of the following variable names
<Option> : NOT USED

2-2. CaoVariable class

(1) put_Value ' Get the variable value

(2) get_Value ' Put the variable value

3. System variables

Var. Name	Attr.	Description	Corresponding Function
Preferences	Put	Set of a preferences configuration	Device::LoadPreferences

DeviceType	Get	Device type	Device::Type
KeyState<n>	Get	Key state, <n>: key no.	Keyboard::IsKeyDown
KeyLabel<n>	Get	Key label, <n>: key no.	Keyboard::GetKeyLabel
KeyName<n>	Get	Key name, <n>: key no.	Keyboard::GetKeyName
KeyCount	Get	Number of keys	Keyboard::Keys
ProgrammableKeyCount	Get	Number of programmable keys	Keyboard::ProgrammableKeys
SensorPeriod	Get	Time period the data is normalized.	Sensor::Period
Version	Get	Version	TDxInfo::RevisionNumber
Rotation	Get	Rotation (X,Y,Z,Angle)	AngleAxis
Translation	Get	Translation (X,Y,Z,Length)	Vector3D

4. Error code

There is no peculiar error code. Please refer to the chapter of the error code of "[ORiN2 Programming guide](#)" for the ORiN2 commonness error.

Thank you.