
Article

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Getting Production Setting's Value

Question:

How can I get a value of a setting of a Production item programmatically?

Answer:

You can use one of the API methods of the Ens.Director class, for example:

[Ens.Director.GetItemSettingValue\(\)](#)

For example –

In the Production Demo.Workflow.Production the item (Business Operation) 'Demo-Development' has an 'Auto Create Role' setting:

Demo-Development

Settings


Queue

Log

Messages

Apply

▼



Search:

▼ Informational Settings

Comment

Category

Class Name

EnsLib.Workflow.Operation

Description

This Business Operation ma
workflow tasks to the Enser

Adapter Class Name

Adapter Description

Business Partner

▼ Basic Settings

Enabled


☒

Auto Create Role

☒

Clicking on the Settings Defaults button you can see this is a 'Host' setting:

Restore Default Values for Selected Settings of Item 'Demo-Development'



Restore Default Values for Selected Settings of
Production Demo.Workflow.Production

To revert a setting to its default value, select it in the table below and click **Restore**. Only settings whose names are shown in black have been overridden and

✓	Setting	Applies to	Current	
			Value	Source
	Alert Groups	Host		Class definition
	Alert On Error	Host	0	Class definition
	Alert Retry Grace Period	Host	0	Class definition
	Archive IO	Host	0	Class definition
<input type="checkbox"/>	Auto Create Role	Host	1	Production definition
	Business Partner	Host		Class definition

And you can access the value using this call for example:

```
ENSDEMO>write ##class(Ens.Director).GetItemSettingValue("Demo-Development","Host","AutoCreateRole",.status)
```

1

Note the first argument simply includes the configuration item name 'Demo-Development', as this is the "current" Production.

You can send in a pair of <Production Name>||<Item Name> and get the value of any item in any Production defined.

For example from the Demo.Loan.FindRateProduction Production's Demo.Loan.FindRateOperation, we can access the 'File Path' or 'Business Partner' values –

Demo.Loan.FindRateFileOperation

Settings Queue Log Messages Jobs Actions

Apply ▼ Search:

Business Partner

LoanTech Corporation ▼ 🔍

▼ **Basic Settings**

Enabled ☒

External Registry ID

File Path

C:\Practice\loan\out

<input type="checkbox"/>	Business Partner	Host	LoanTech Corporation	Pr
	Charset	Adapter	Native	Cl
	Failure Timeout	Host	15	Cl
<input type="checkbox"/>	File Path	Adapter	C:\Practice\loan\out	Pr
<input type="checkbox"/>	Inactivity Timeout	Host	0	Pr

Note this time the 'File Path' setting is an "Adapter" one and not a "Host" one.

You can get their values using:

```
ENSDEMO>write ##class(Ens.Director).GetItemSettingValue("Demo.Loan.FindRateProduction
||Demo.Loan.FindRateFileService","Adapter","FilePath",.status)
```

```
C:\Practice\loan\in
```

```
ENSDEMO>write ##class(Ens.Director).GetItemSettingValue("Demo.Loan.FindRateProduction
||Demo.Loan.FindRateFileService","Host","BusinessPartner",.status)
```

```
LoanTech Corporation
```

[#Ensemble](#)

