

Command Reference: SetEnsembleProperty()

Set time series ensemble properties

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The `SetEnsembleProperty()` command sets the value of one or more time series ensemble properties. The `EnsembleID` property is a built-in property that has special meaning because it is used to identify the time series and cannot be changed. User-defined properties are handled as a list of properties that can be referenced by other commands using the `${tsensemble:Property}` notation. Property names are case-specific.

The following dialog is used to edit this command and illustrates the syntax of the command for built-in properties.

Set time series ensemble properties (metadata).
The time series ensemble identifier (EnsembleID) cannot be changed because it is fundamental to ensembles during processing.

Ensemble list: Optional - indicates the time series ensembles to process.

EnsembleID (for EnsembleList=AllMatchingEnsembleID):

☒ Built-in properties ☐ User-defined properties

Built-in properties are core to the time series ensemble design.

Name: Optional - ensemble name.

Command:
`SetEnsembleProperty(EnsembleList=FirstMatchingEnsembleID, EnsembleID="TestEnsemble", Name="New TestEnsemble Name")`

SetEnsembleProperty_BuiltIn

SetEnsembleProperty() Command Editor for Built-in Properties

The following dialog is used to edit this command and illustrates the syntax of the command for user-defined properties, in this case setting a property from a global processor property.

☐ Built-in properties ☒ User-defined properties

User-defined properties can be referenced later with `${tsensemble:Property}` notation.
User-defined properties require that all three of the following parameters are specified.

Property name: Required - name of property (case-specific).

Property type: Required - to ensure proper property object initialization.

Property value: Required - property value as string.

SetEnsembleProperty_User

SetProperty() Command Editor for User Properties

The command syntax is as follows:

```
SetTimeSeriesProperty(Parameter=Value,...)
```

Command Parameters

Parameter	Description	Default
EnsembleList	Indicates the list of time series to be processed, one of: <ul style="list-style-type: none"> AllMatchingEnsembleID – all time series ensembles that match the EnsembleID (single EnsembleID or EnsembleID with wildcards) will be modified. Currently not enabled. AllEnsemble – all time series ensembles before the command. Currently not enabled. EnsembleID – the matching ensemble will be modified. Currently not enabled. FirstMatchingEnsembleID – the first time series ensemble that matches the EnsembleID (single EnsembleID or EnsembleID with wildcards) will be modified. LastMatchingEnsembleID – the last time series that matches the EnsembleID (single EnsembleID or EnsembleID with wildcards) will be modified. Currently not enabled. 	None – must be specified.
EnsembleID	The time series ensemble identifier for the ensemble to be modified. Can be specified using processor \${Property}.	Required if EnsembleList=*EnsembleID.
Name	The ensemble name. Can be specified using processor \${Property}.	None.
PropertyName	Name of user-defined property.	
PropertyType	Property type, to ensure proper initialization and data check.	Required if PropertyName is specified.
PropertyValue	Value for property as a string but adhering to the property type requirements (e.g., date as a string must match format that can be parsed). Can be specified using processor \${Property}.	Required if PropertyName is specified.