Command Reference: SetEnsembleProperty()
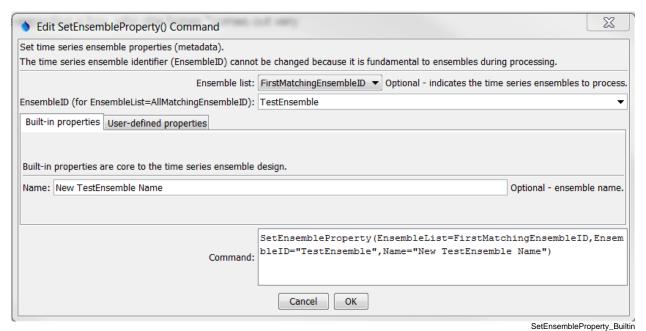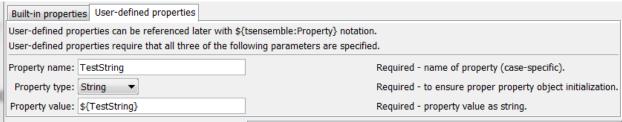
Set time series ensemble properties

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.

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.

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: • `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.