
Command Reference: CopyEnsemble()

Create a new ensemble as a copy of an ensemble

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The `CopyEnsemble()` command creates a copy of an ensemble, copying all time series in the ensemble and assigning a new identifier to the result. The copy is an exact copy except that the ensemble identifier is different (the TSIDs for each ensemble time series should also be specified to be unique).

The following dialog is used to edit the command and illustrates the syntax for the command.

Edit CopyEnsemble() command

Make a copy of a time series ensemble, giving the copy a new identifier.
The copy is exactly the same and can be referenced by its identifier in other commands.
Because time series in the ensemble are copies of time series from the original ensemble, the Ensemble ID should be used for processing time series.
Optionally, specify new time series identifier (TSID) information for the time series in the copy: location, source, data type, and/or scenario.
This is highly recommended if there is any chance that the copy will be mistaken for the original.

New ensemble identifier:

New ensemble name: Optional name for copy.

Ensemble to copy:

New time series ID parts: Specify to avoid confusion with TSID from original TS.

Command:

```
CopyEnsemble(NewEnsembleID="Ensemble_2",NewEnsembleName="Test ensemble 2",NewTSID="09019500.USGS.Streamflow..copy",EnsembleID="Ensemble_1")
```

CopyEnsemble

CopyEnsemble() Command Editor

The command syntax is as follows:

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

Command Parameters

Parameter	Description	Default
EnsembleID	The ensemble to copy.	None – must be specified.
NewEnsembleID	The ensemble identifier for the new ensemble	None – must be specified.
NewEnsembleName	The name for the new ensemble.	Blank.
NewTSID	A new time series identifier to assign to time series in the new ensemble. This is useful to avoid confusion with the original time series. Use the Edit button to edit the time series identifier parts. The data interval and sequence number will be determined from the original time series.	Copy the original time series TSID.

A sample commands file to read a time series from the State of Colorado's HydroBase, create an ensemble from the time series, and make a copy is as follows:

```
# 09019500 - COLORADO RIVER NEAR GRANBY
09019500.USGS.Streamflow.Day~HydroBase
CreateEnsemble(TSID="09019500.USGS.Streamflow.Day",
  TraceLength=1Year,EnsembleID="Ensemble_1",EnsembleName="Test
Ensemble",ReferenceDate="2008-01-01",ShiftDataHow=ShiftToReference)
CopyEnsemble(NewEnsembleID="Ensemble_2",
  NewEnsembleName="Test ensemble 2",
  NewTSID="09019500.USGS.Streamflow..copy",EnsembleID="Ensemble_1")
```