



Work with beams Sort&Cope

How to cope beams



Cope beams

Why ?

- Revit Architecture does not cope beams!
- Using a standard Cope command of Revit Structure it takes a lot of time, because each beam must be coped separately.

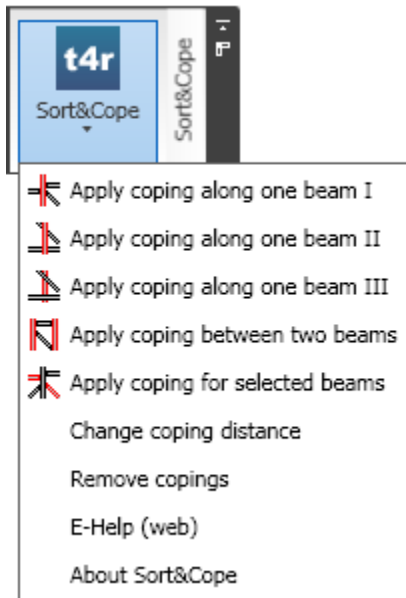
Working with beams

Sort&Cope functions

- ...quickly and easily cope beams and beam systems by selected distance in different ways;
- ...support metric and imperial unit systems;
- ...available in different languages.

Types of elements

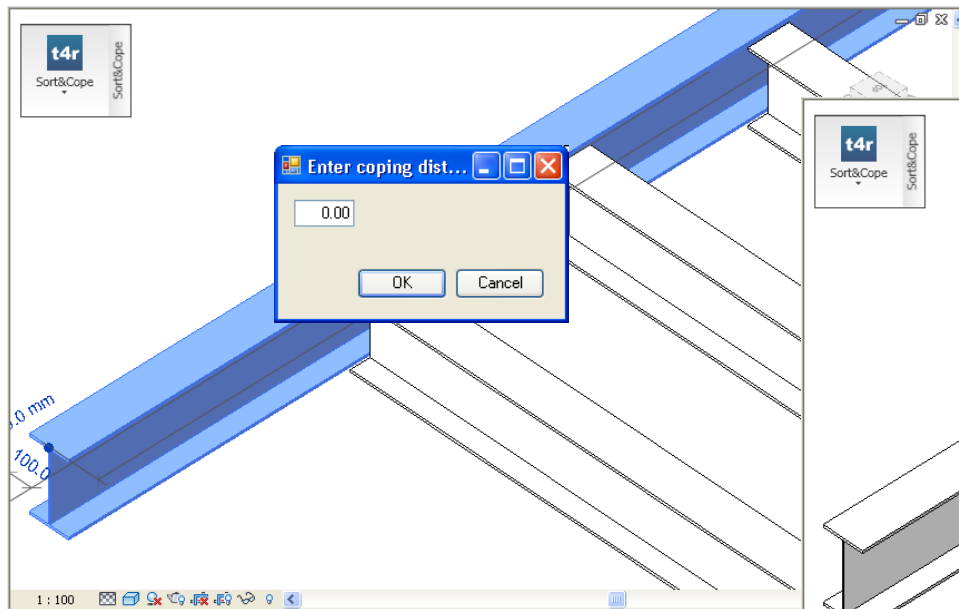
Currently Sort&Cope works with all types of beams and beam systems.



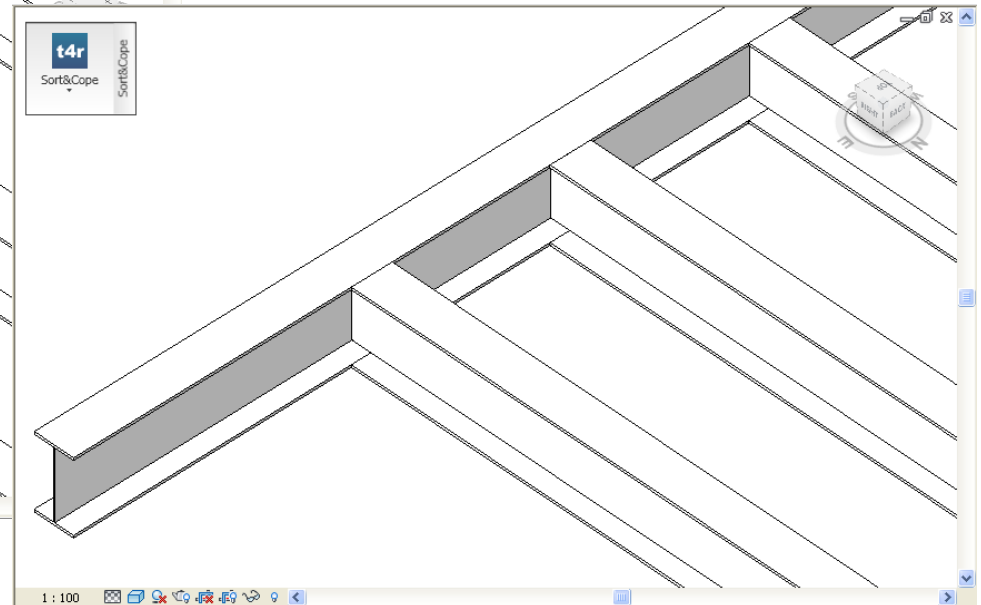
Apply coping along one beam | Function

This function copes ends of all elements which are connected to the selected beam.

It is possible to predefine coping distance:



Result:



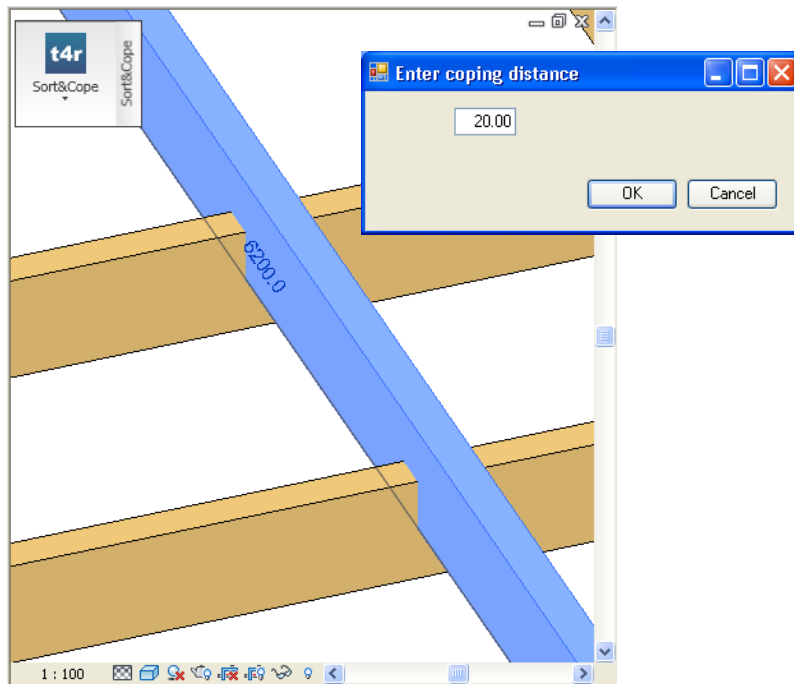
Apply coping along one beam II

Function

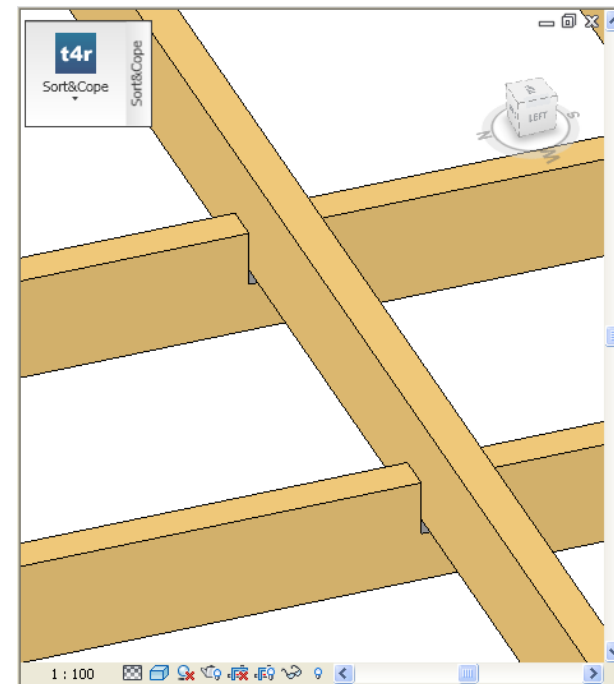
New feature in v.2010.2!

This function copes the beam which is intersecting or coming close with the chosen beam.

It is possible to predefine coping distance:



Result:

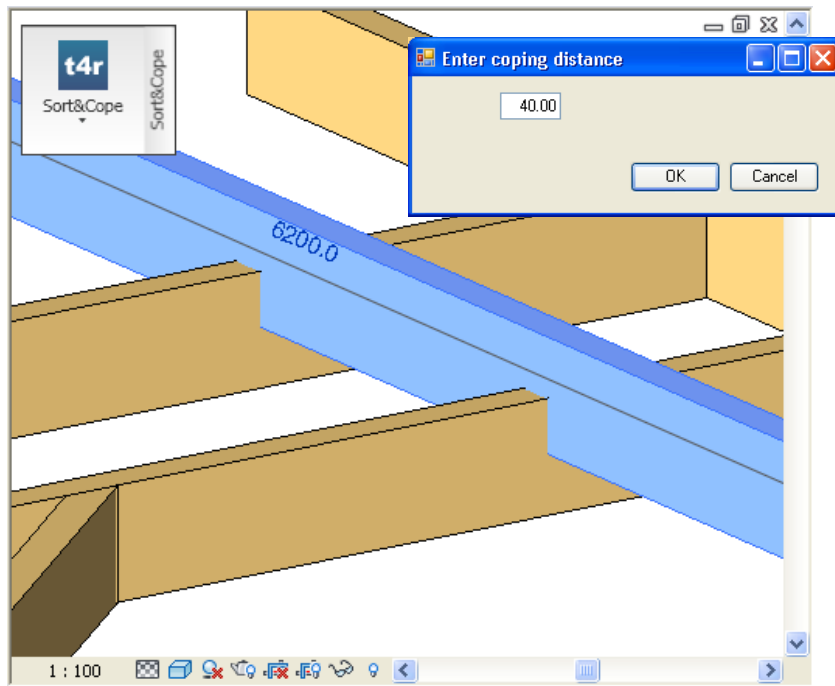


Apply coping along one beam III *New feature in v.2010.2!*

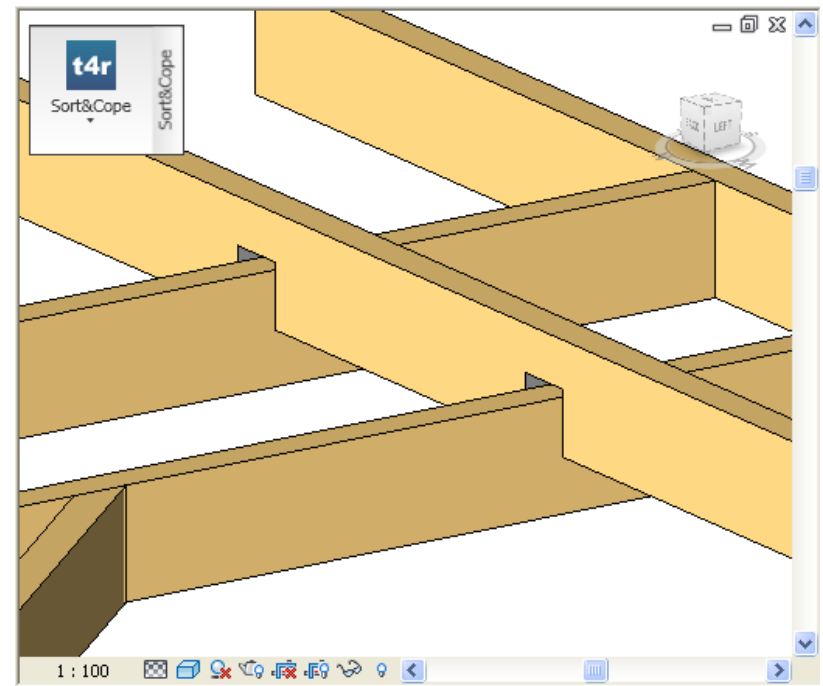
Function

This function copes the selected beam if it is intersecting or coming close with other beam/beams.

It is possible to predefine coping distance:



Result:

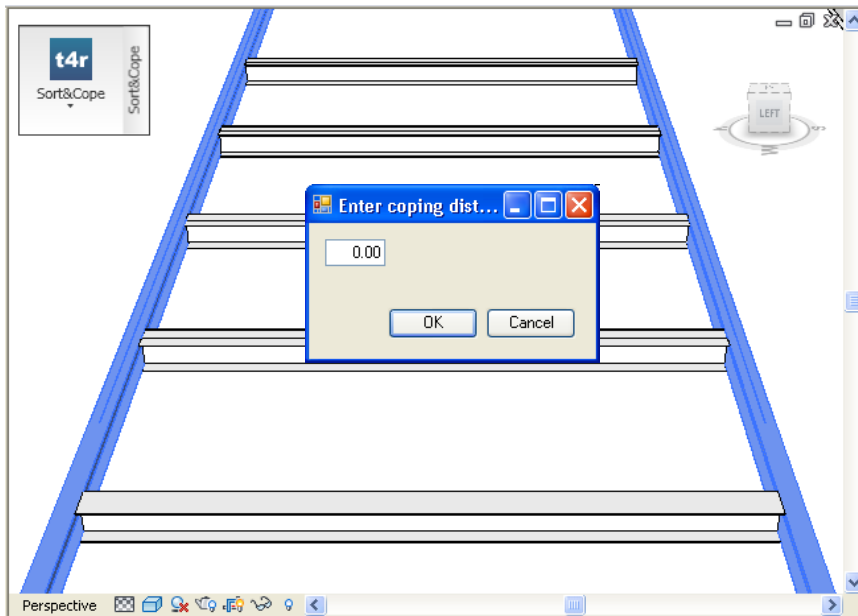


Apply coping between two beams

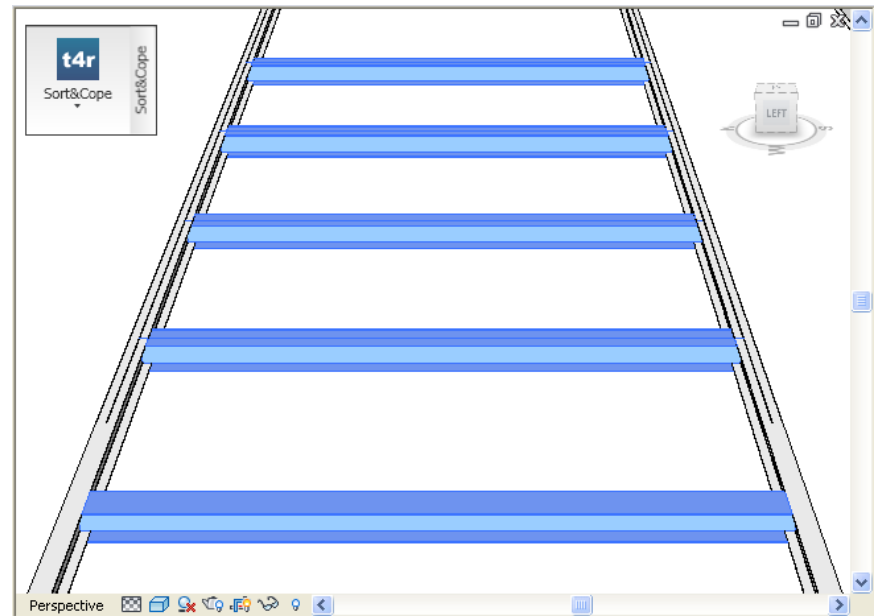
Function

This function copes ends of all elements which are connected to the selected two beams.

It is possible to predefine coping distance:



Result:

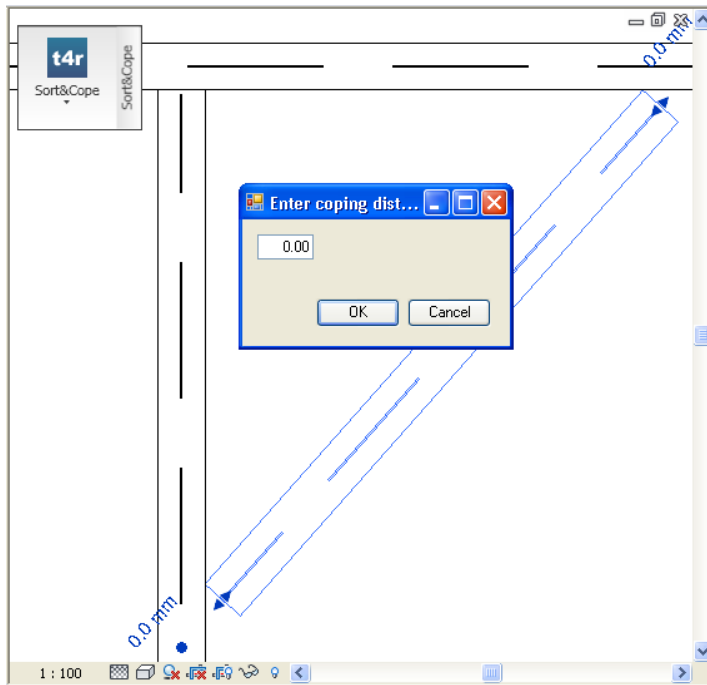


Apply coping for selected beams

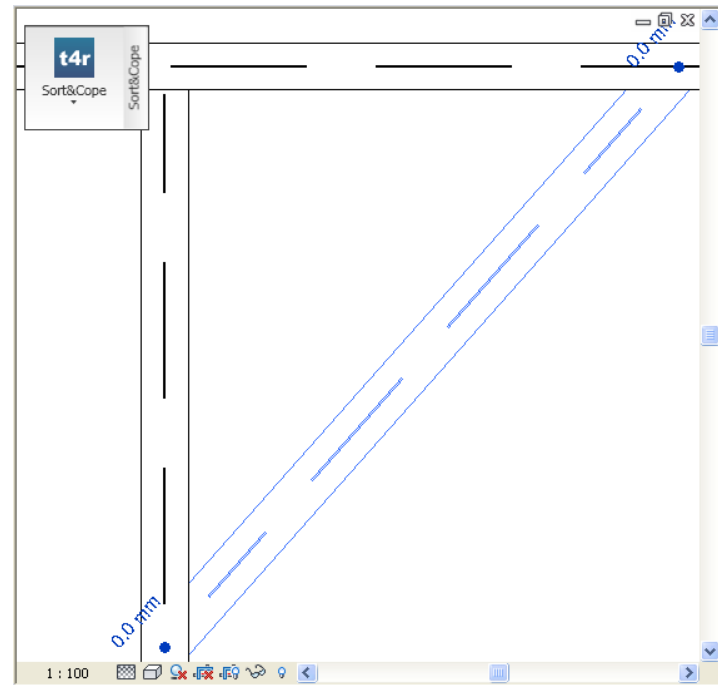
Function

This function copes connected ends of the selected beam. It is possible to select one or more beams at once.

It is possible to predefine coping distance:



Result:

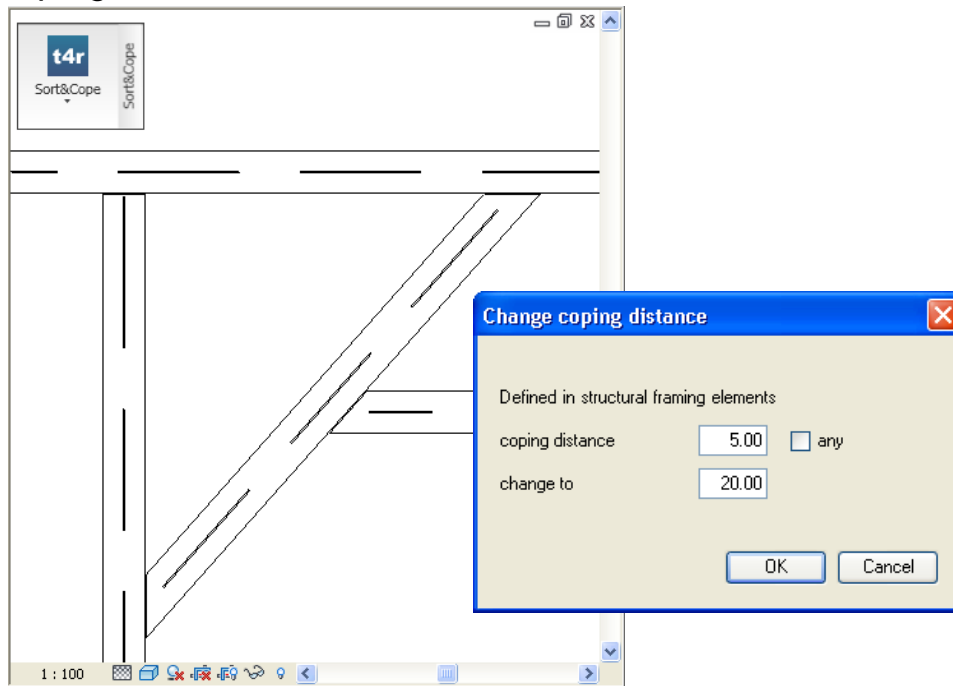


Change coping distance

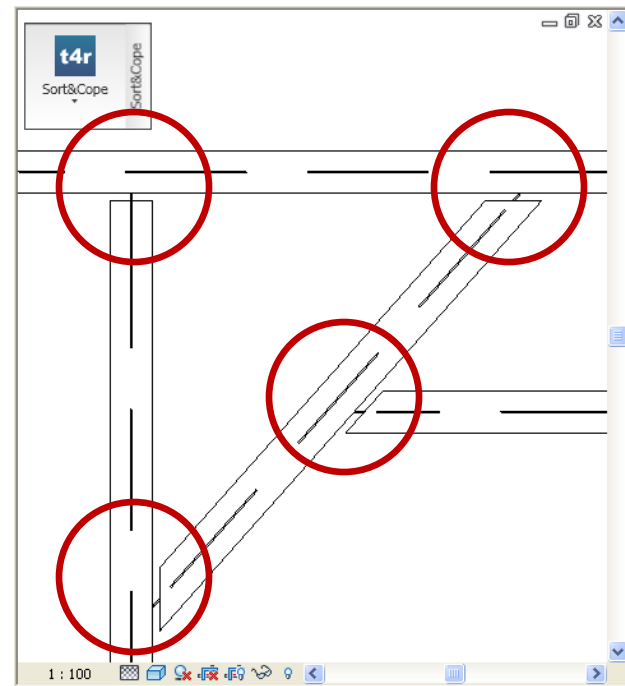
Function

This function searches and changes old coping distances with a new one.

It is possible to predefine old and new coping distances:



Result:

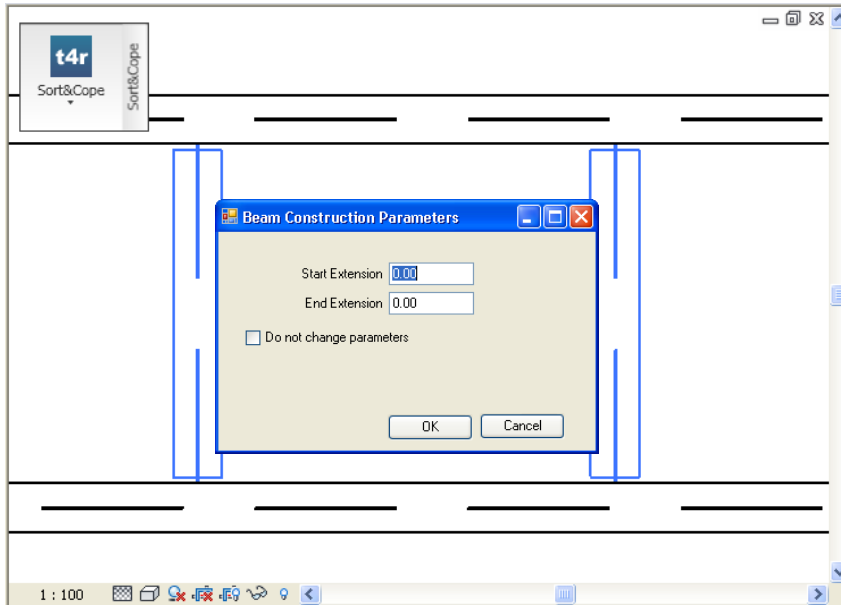


Remove coping

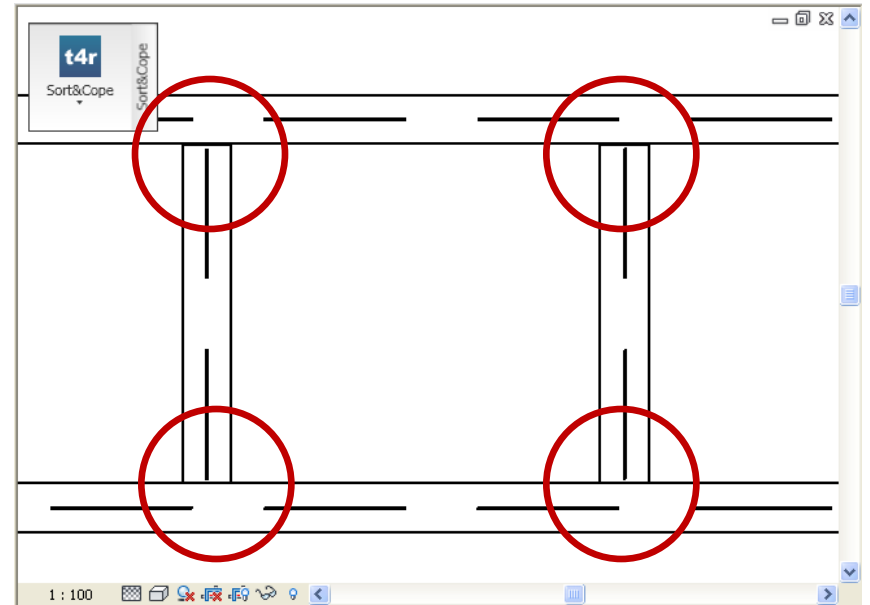
Function

This function removes all copings from selected beams and restores Start Extension and End Extension parameters.

It is possible to predefine Start and End Extension parameters:



Result:

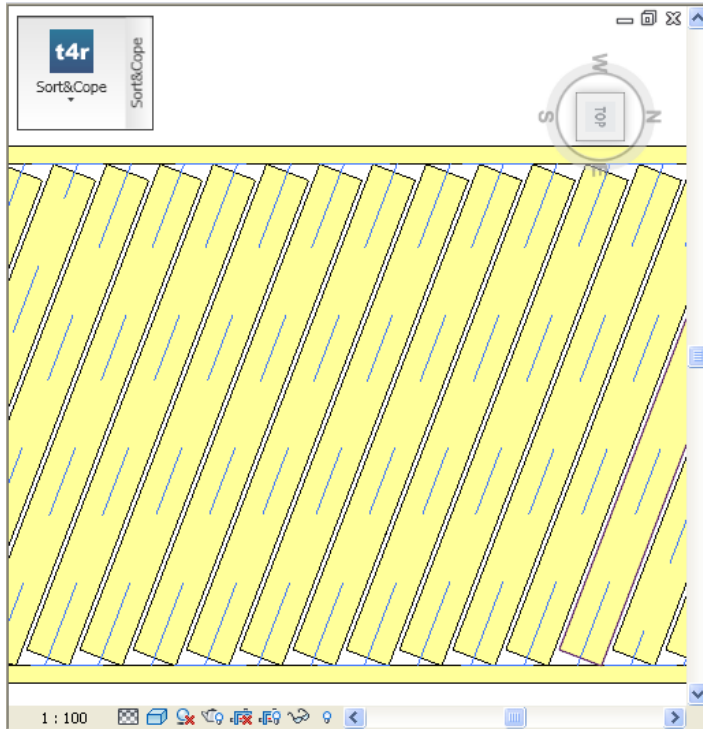


Working with beam systems

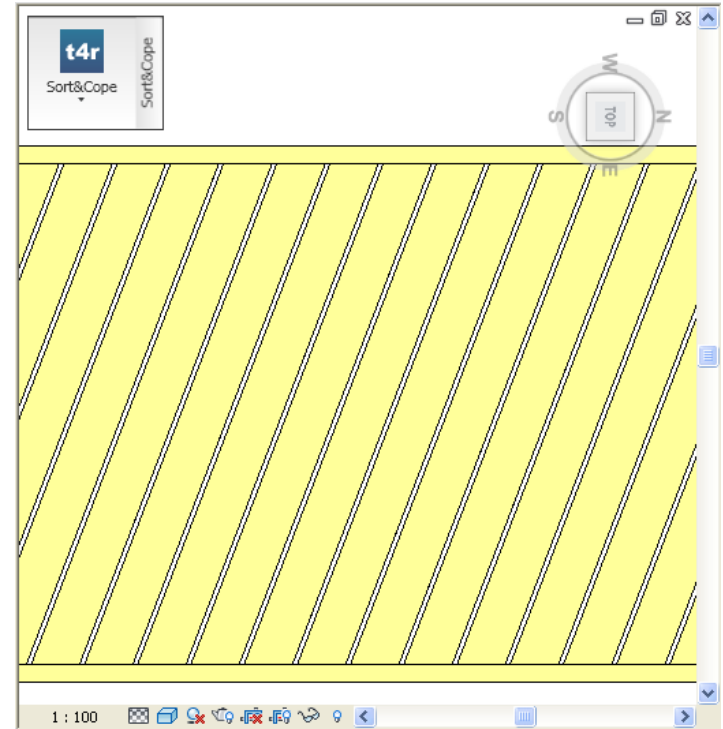
Sample

All Sort&Cope functions work not only with individual beams, but with beam systems too.

Coping along one beam function defines the beam system and copes all beams in that system:



Result:



Increase your productivity !



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