



Symmetrical 2

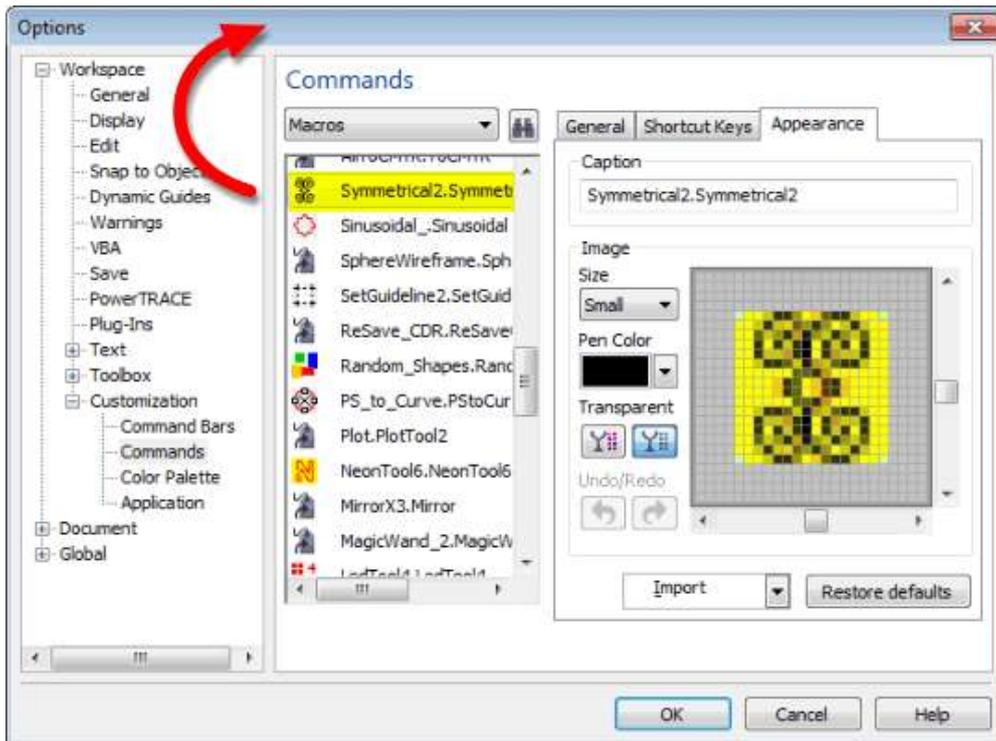
for

CorelDRAW X4/X5/X6

(Required .NET Framework 3.5)

Installing

1. Launch the Symm_X4_setup.exe or Symm_X5_setup.exe.
2. Start or restart the CorelDRAW X4/X5.
3. Select in the Menu Bar: **Tools-Customization...**
4. In the opening Options select: **Customization - Commands.**
5. In the drop-down list select: **Macros.**
6. In the list of installed macros, search for the macro

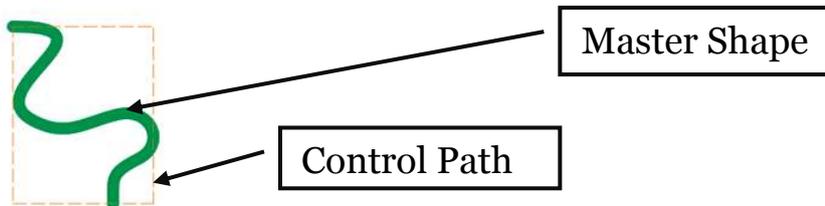


7. In the **Appearance** tab:
 - In the **Caption** field – you can adjust the name of the macros or to set it;
 - In the **Image** field – you can draw a button, or select from preinstalled, clicking on **Import**.
 - **Button Files ...** allows you to import a picture.
8. Drag the macro you want from the list to the toolbar and click **OK**.

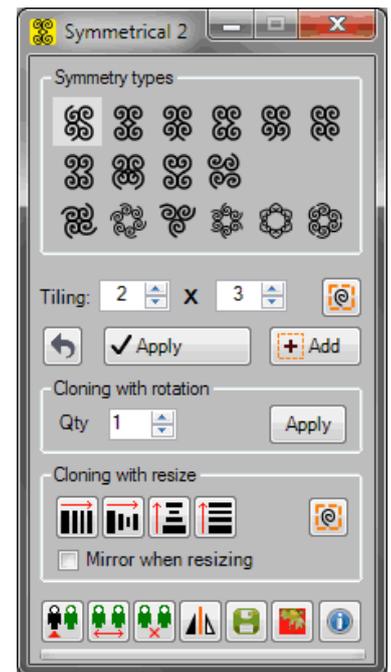
How to work

Option 1

1. Choose a symmetry type.
2. Press the button '**Control Path**' 
3. Click the cursor on the page.
4. Draw a Master Shape inside the Control Path.



5. Select 'Control Path' with the Master Shape and press the button '**Apply**'

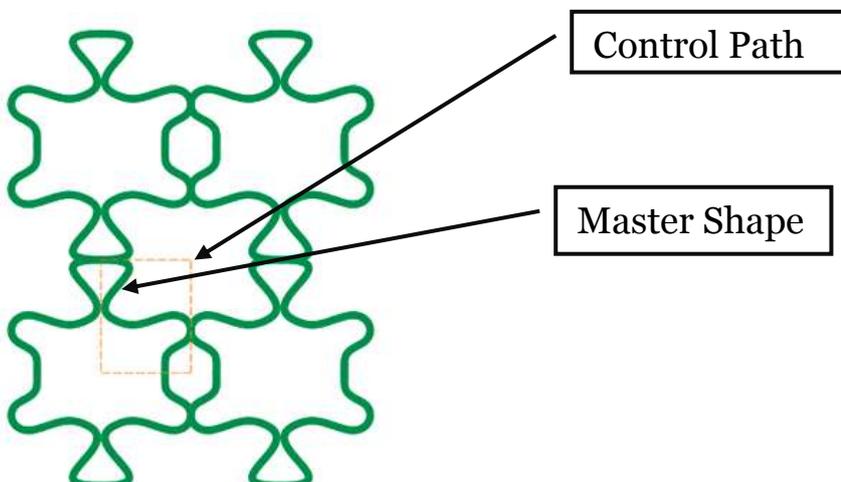


Option 2

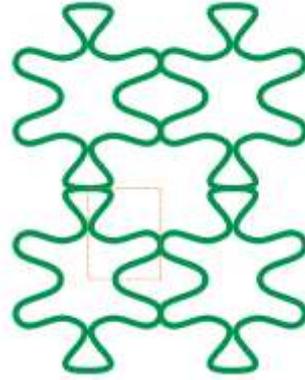
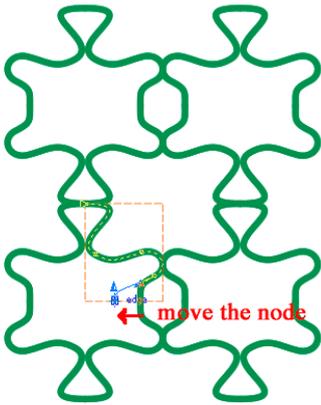
1. Choose a symmetry type.
2. Draw a Master Shape
3. Select the Master Shape and click the button '**Apply**'.

Option 3

1. Choose a symmetry type.
2. Draw a Master Shape
3. Click the button '**Control Path**' 
4. Resize the '**Control Path**' as you want
5. Select the Master Shape and click the button '**Apply**'.



Reflexion will be done relative to the edges of a Control Path.
You can move nodes of Master Shape and see the result.



How to find the Master Shape

1. Select the shapes.
2. Press the button “**Select Master**” 

How to delete the information about Clones

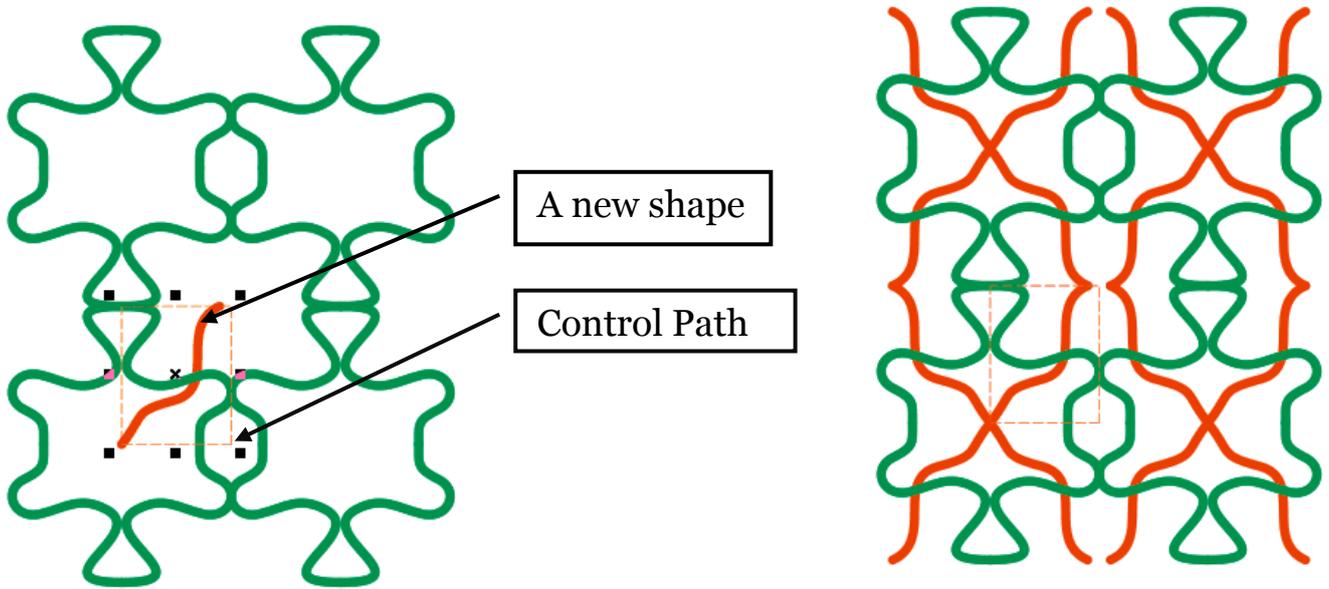
1. Select the shapes.
2. Press the button “**Separate clones**” 

How to delete the Clones

1. Select the shapes.
2. Press the button “**Delete clones**” 

How to add a shape

1. Draw a new shape inside the Control Path.
2. Select the new shape with the Control Path and press the button “Apply”.
3. Or select the new shape and press the button “Add”



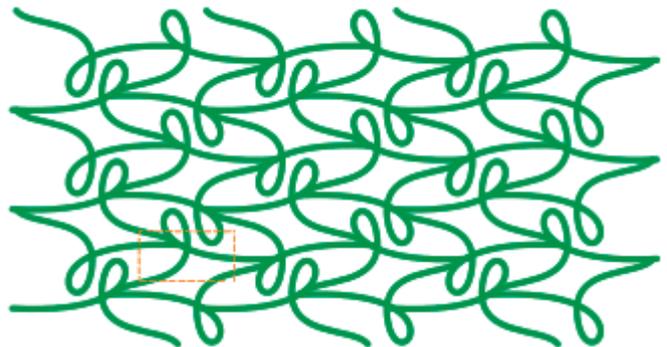
Different types of symmetry



Four double mirrors



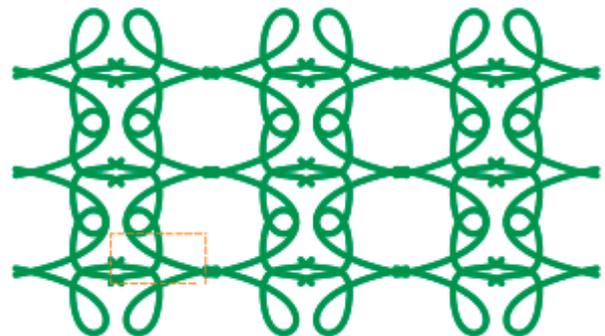
Tiling: 3x3



Four mirrors



Tiling: 3x3

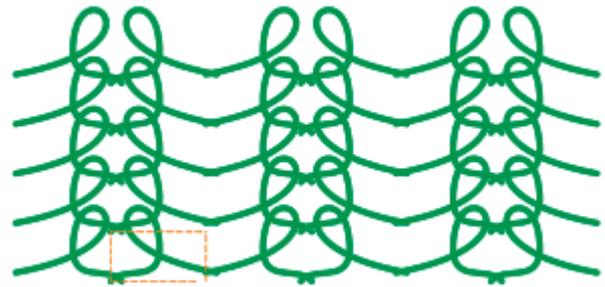




Horizontal reflection



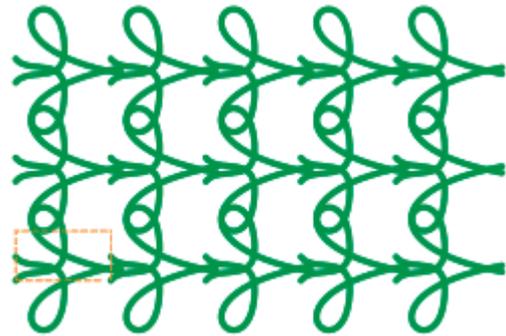
Tiling: 3x5



Vertical reflection



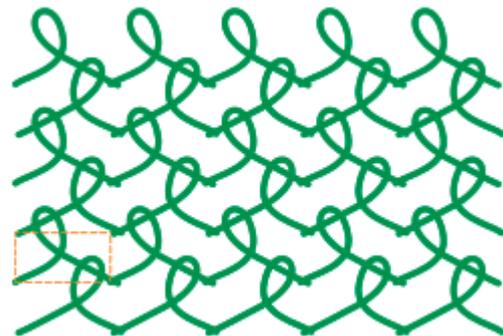
Tiling: 5x3



Vertical double mirrors



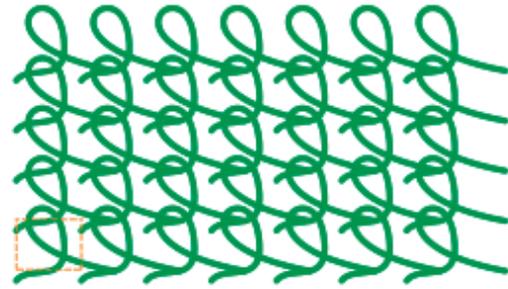
Tiling: 5x3



☞ Simple Shift



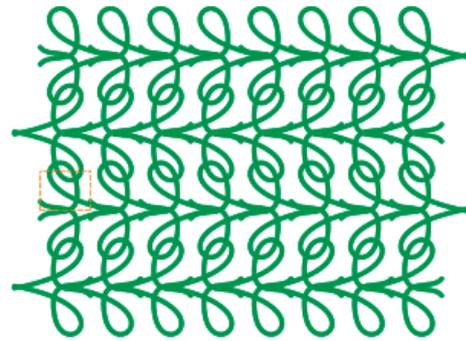
Tiling: 7x5



Vertical & horizontal mirrors



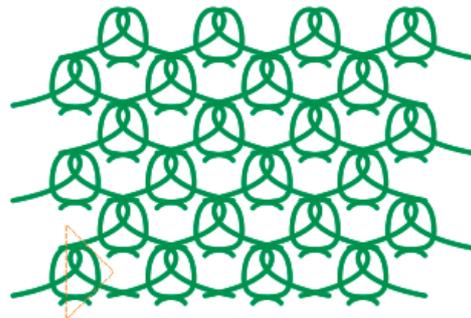
Tiling: 8x2



Horizontal reflection with displacement



Tiling: 4x6

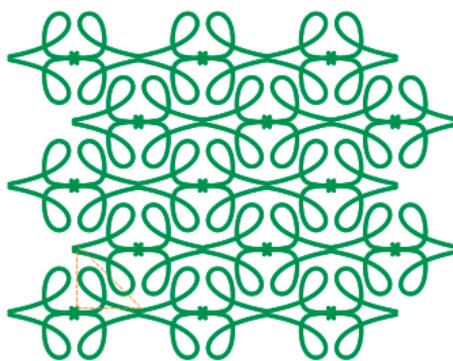




Four mirrors with displacement



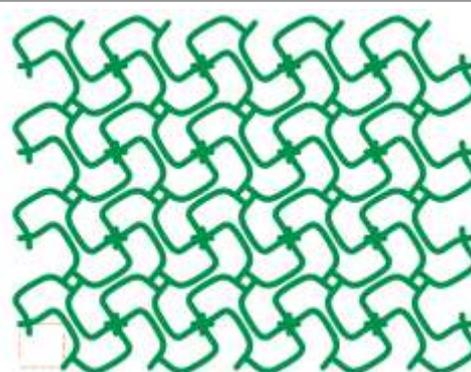
Tiling: 3x5



Pinwheel



Tiling: 5x4

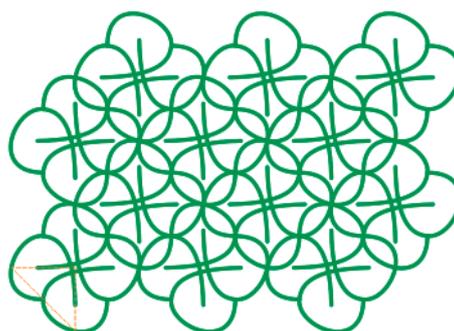


Four rotations



Tiling: 3x4

Rotation center



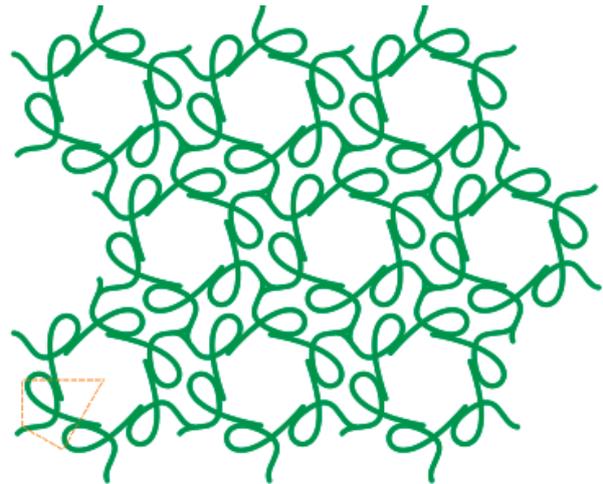


Six rotations



Tiling: 3x3

Rotation center

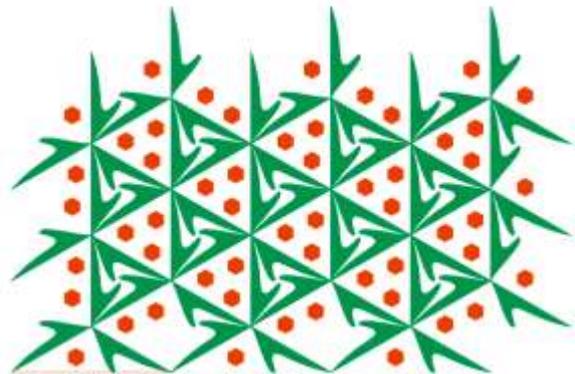


Three rotations



Tiling: 3x6

Rotation center

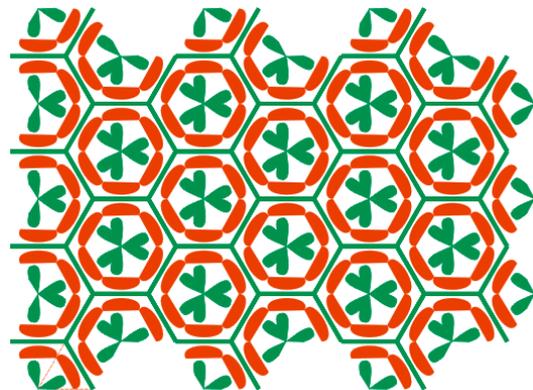


Three rotations & mirrors



Tiling: 3x7

Rotation center





Six rotations & mirrors



Tiling: 3x6

Rotation center

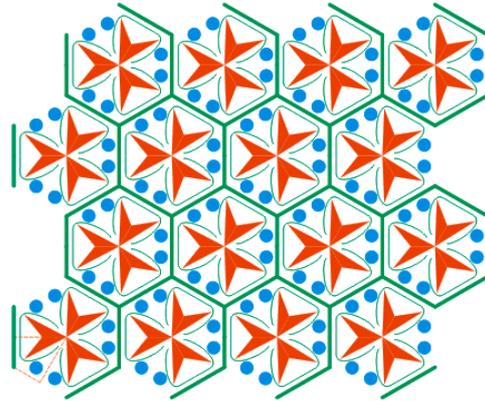


Three rotations, mirrors & displacement



Tiling: 3x6

Rotation center



How to save artwork as pattern (.pat)

1. Select your artwork with "ControlPath".
Your artwork must have a sufficient number of tiles.
2. Press the button '**Save as Pattern**' 