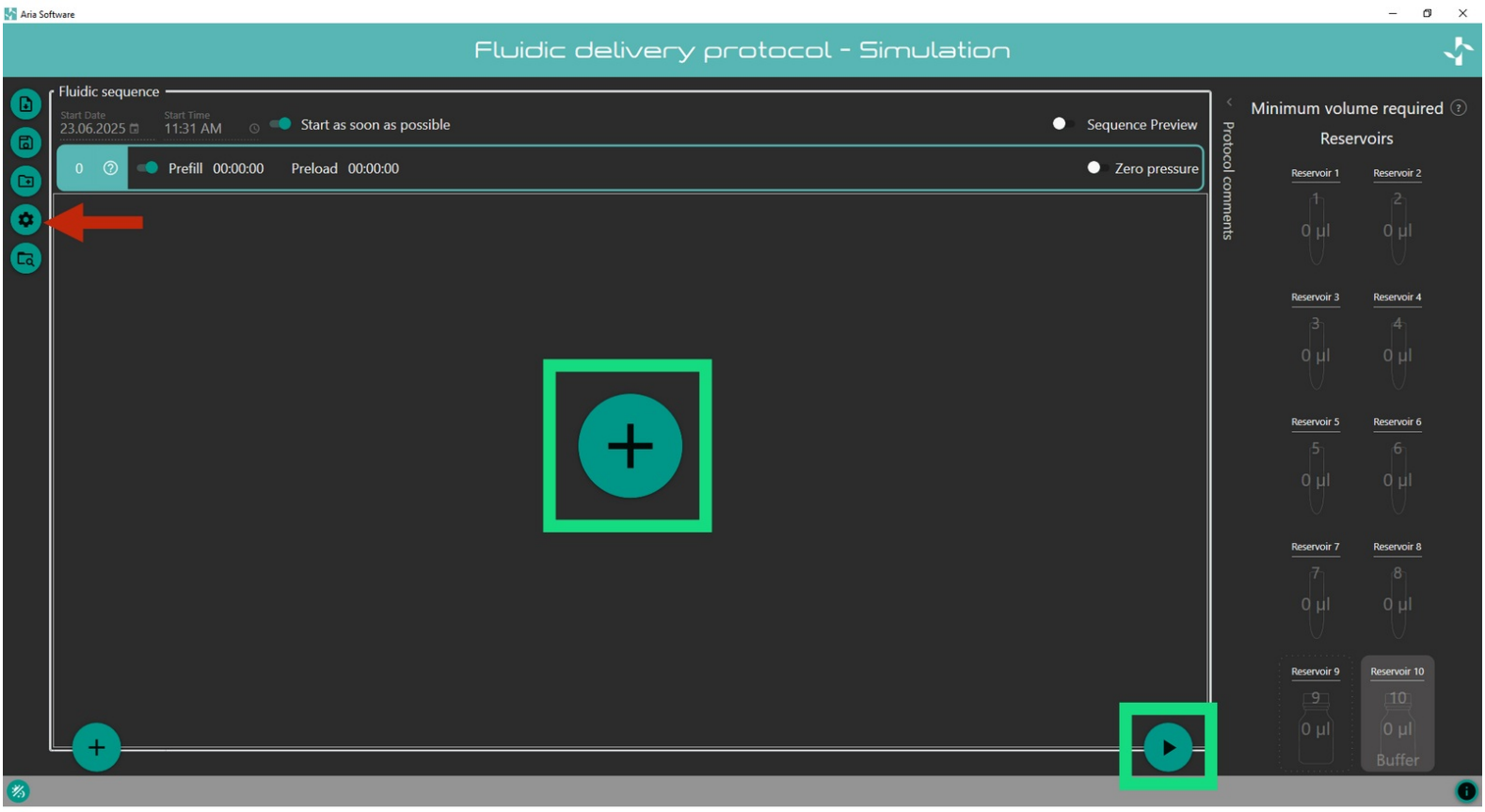
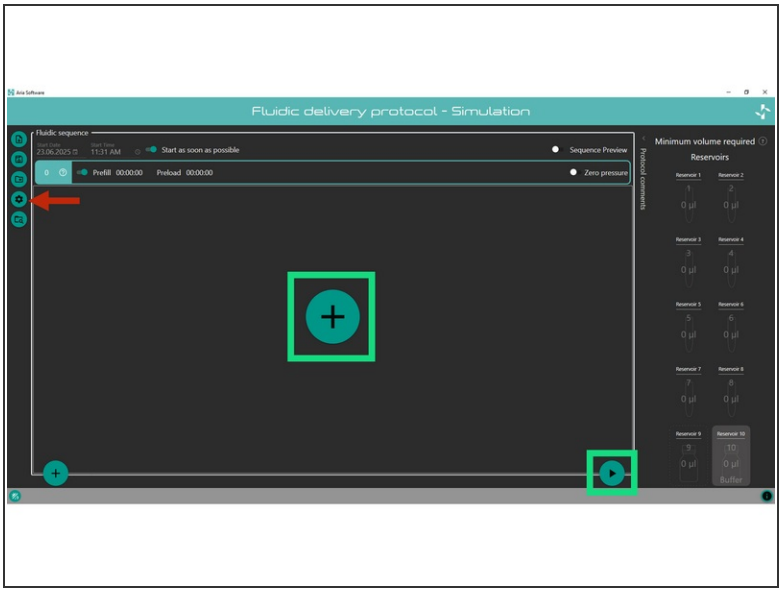
Fluigent Aria 2: How to write an Aria Sequence

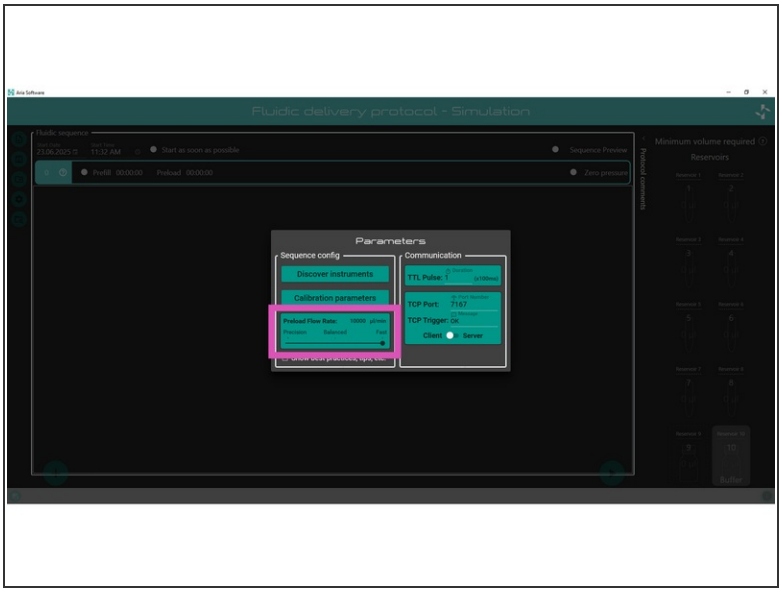
Written By: z mbstaff



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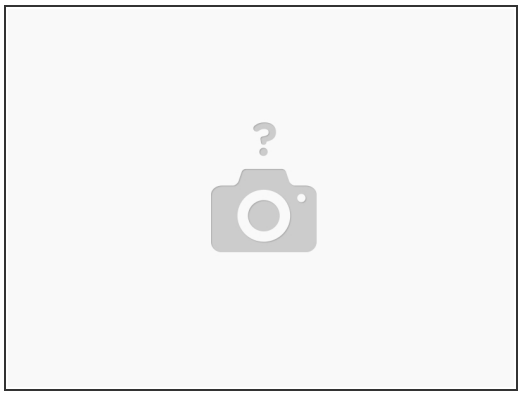
Step 1 — Create a new Sequence





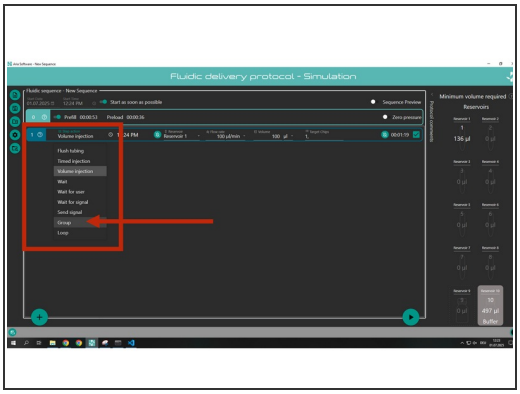
- Press the **gear icon**
  - Set the **"Preload Flow Rate"** to **"Fast"**
- Press either of the two **"+"** to start adding elements to the sequnce

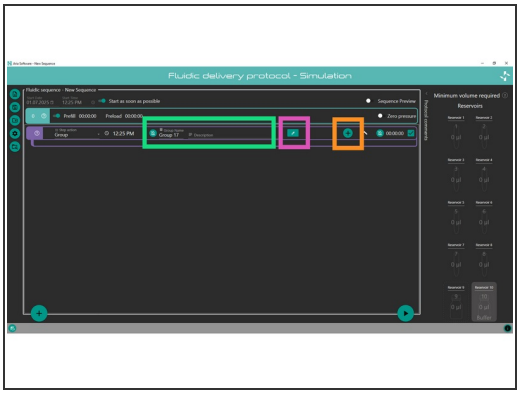
Step 2 — Good practices and tips

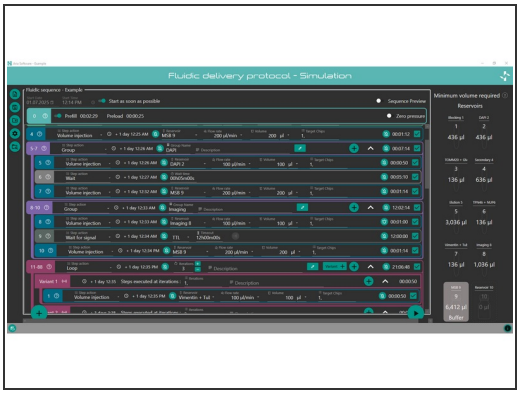


- Create **groups** to keep you code tidy and easily readable. Furthermore you can copy/duplicate the entire group and paste it somewhere else, which saves time.
  - Consult the next step to see a more detailed guide on how to use groups.
- Create **loops** for parts of the sequence that is repeated multiple times. Use **variants** within loops to loop over multiple reagents, outlets or other things.
  - Consult steps 4 and 5 to see a more detailed guide on how to use loops and variants.

Step 3 — How to use groups



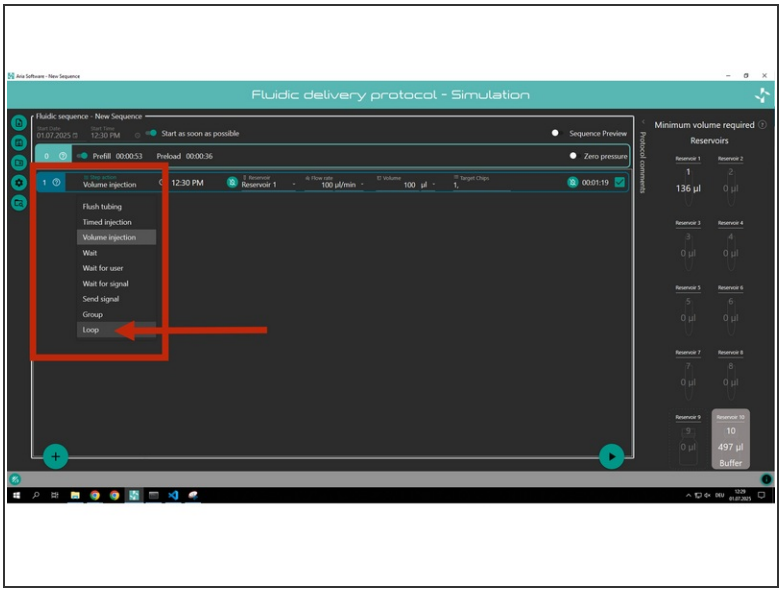




- Create a group by selecting **"Group"** in the **"Step Action"** drop-down menu.
- You can add elements to the group by pressing the **"+"** or by dragging and dropping existing elements into the group.
- You can rename and describe the group.
- You can give the group a color.

ⓘ In the last image you can see two example groups. Please note that this sequence was written for a Nikon microscope, yours may look different depending on which microscope you use.

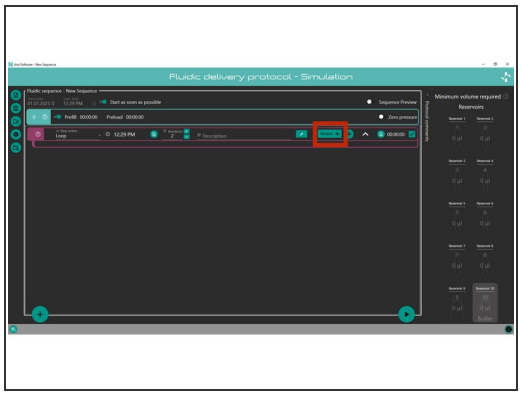
Step 4 — How to create a loop

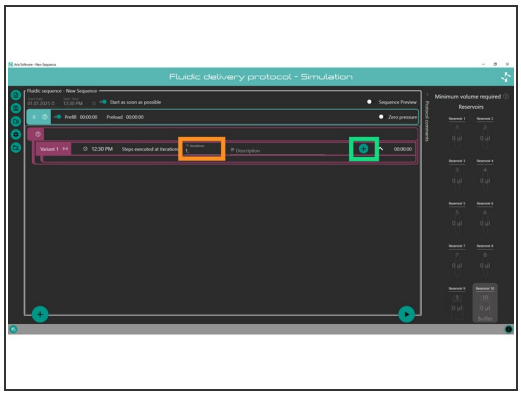




- Create a loop by selecting **"Loop"** in the **"Step Action"** drop-down menu.
- Set the number of iterations the loop should perform.
- You can write a description and give the loop a color.
- You can add steps to the loop by either pressing the **"+"** or by drag and dropping existing elements into the variant.

Step 5 — How to create a variant within a loop







ⓘ **A variant is a sequence within a loop that is only executed at the specified iterations.** This allows you to loop over e.g. different antibodies.

- Press **"Variant +"** to add a variant.
- Specify at which iterations the variant should be executed.
  - ⓘ A variant can be executed during multiple iterations or just one.
- Add elements to the variant by either pressing **"+"** or by drag and dropping existing elements into the variant.

ⓘ In the last image you can see an example of a loop containing variants.