SubVIs in LabVIEW

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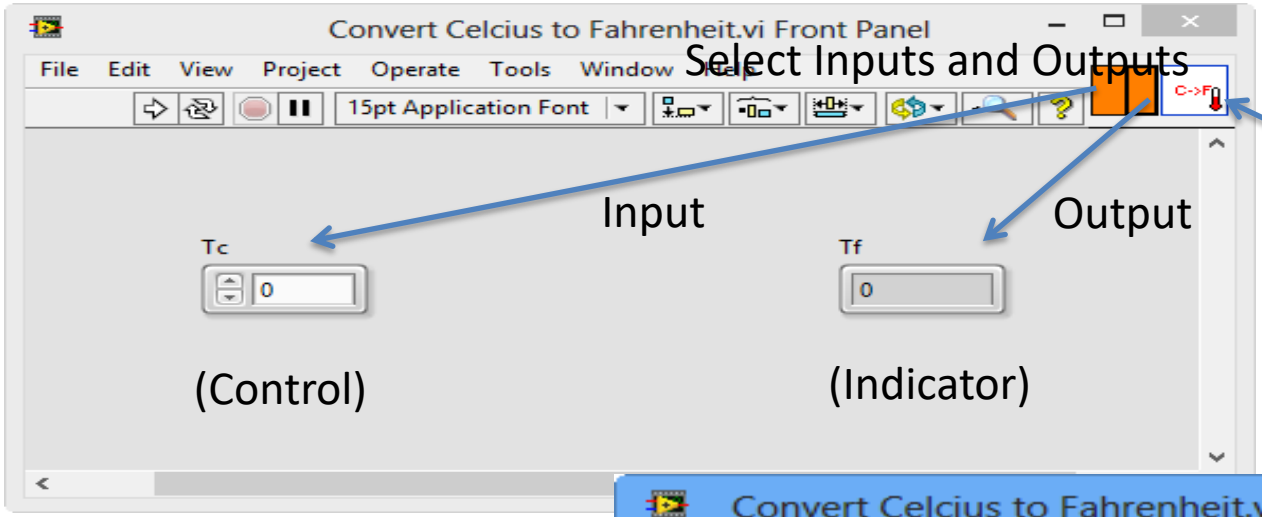
SubVIs

- A SubVI is the same as a function or a method used in other languages
- Hundreds or thousands of SubVIs are included with LabVIEW
- But even better: You can create and use your own SubVIs

Why create and use SubVIs?

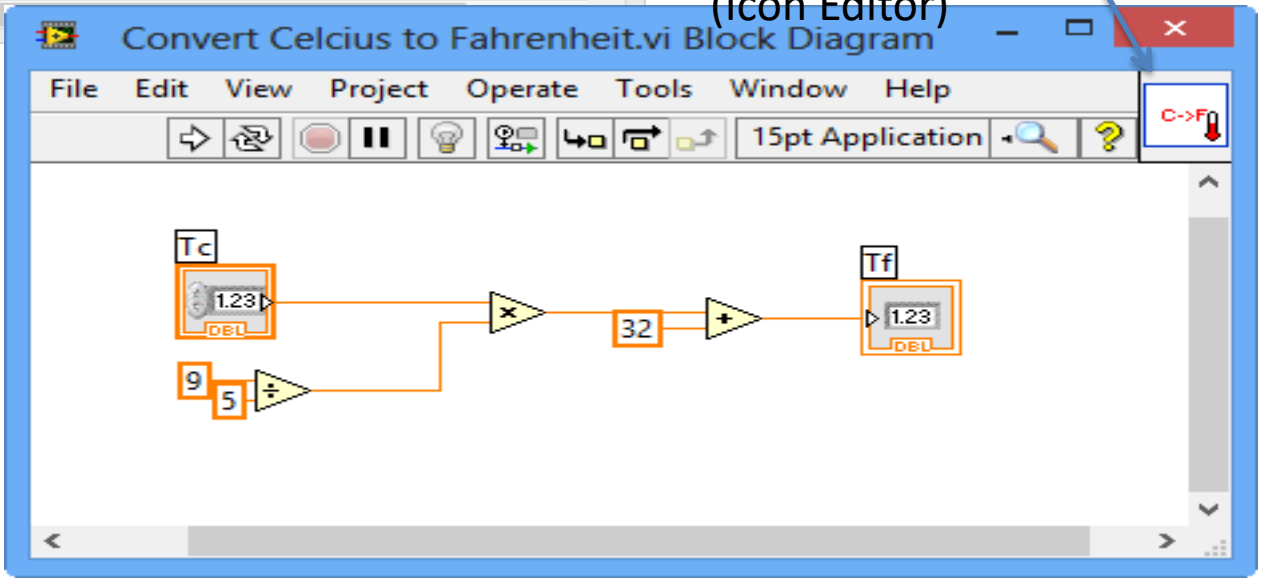
- You need to use the same operation many times in your code
- Reuse your code
- Hide complicated code
- Easier to maintain your code
- Easier to find bugs and repair them
- ...

SubVIs



Icon that makes it easier to understand what the SubVI is doing

Create a nice icon as well (Icon Editor)

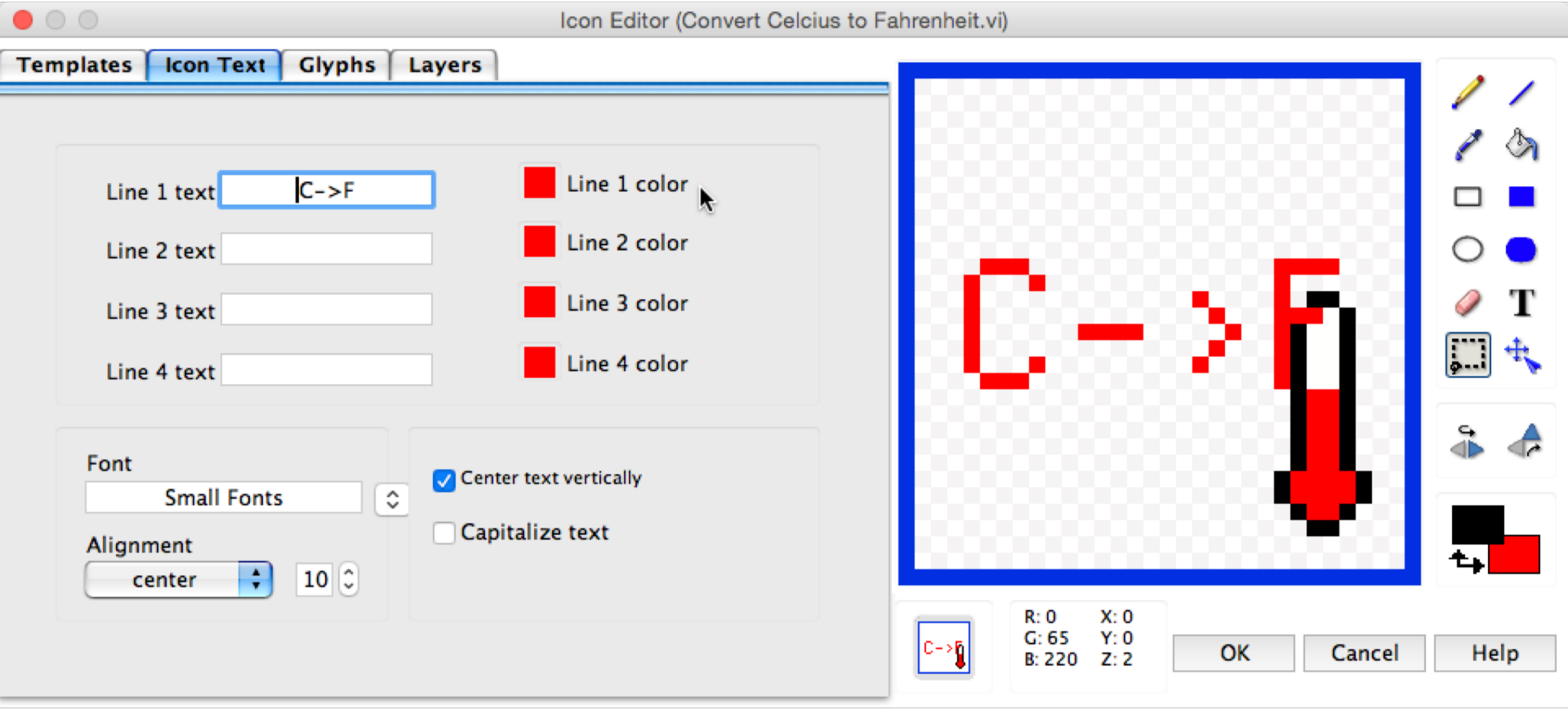


A SubVI is the same as a function or a method used in other languages

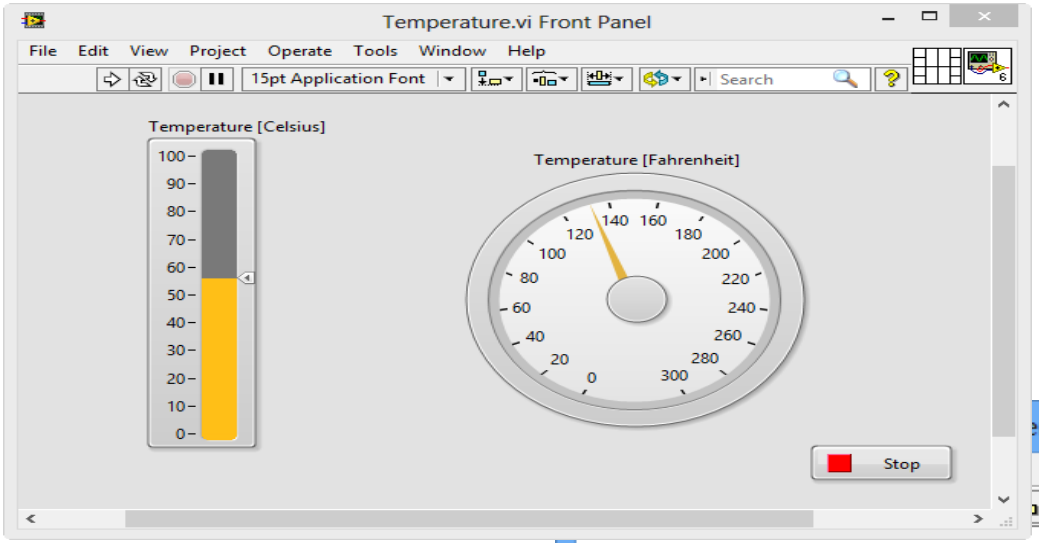
$$T_F = \frac{9}{5} T_C + 32$$

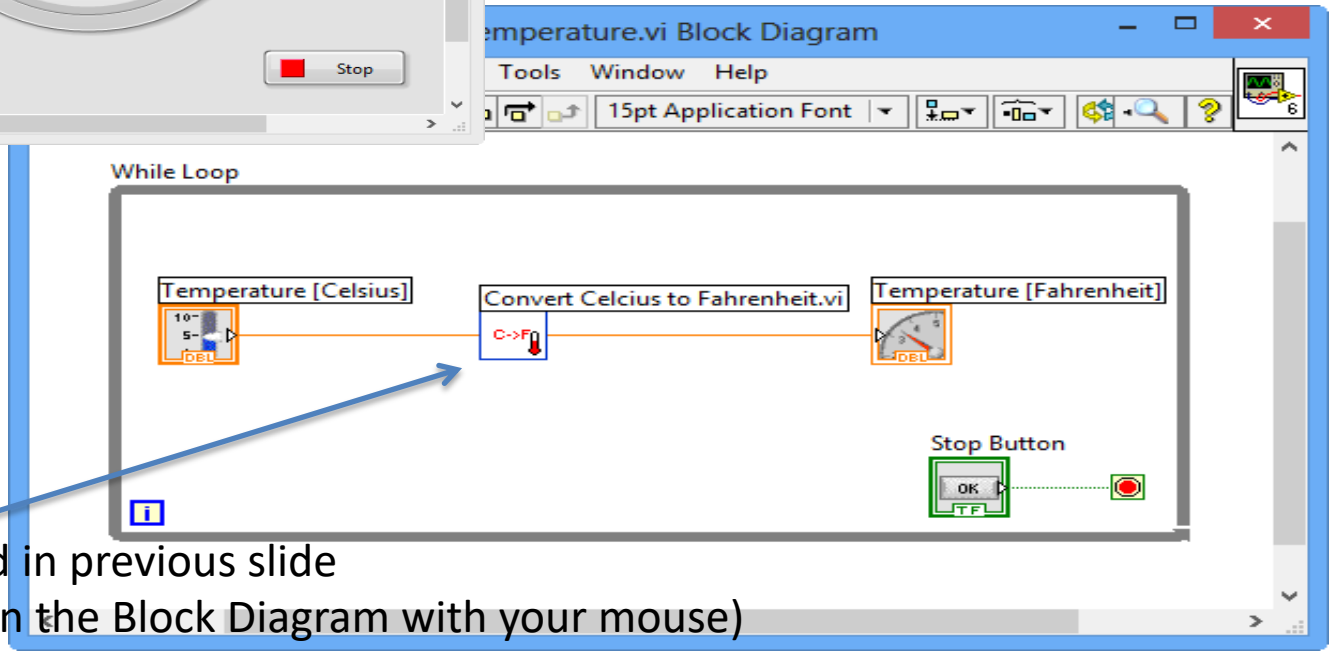
Icon Editor

Use the Icon Editor in order to create a descriptive icon for your SubVI.



Using SubVIs





SubVI created in previous slide
(just drag it on the Block Diagram with your mouse)

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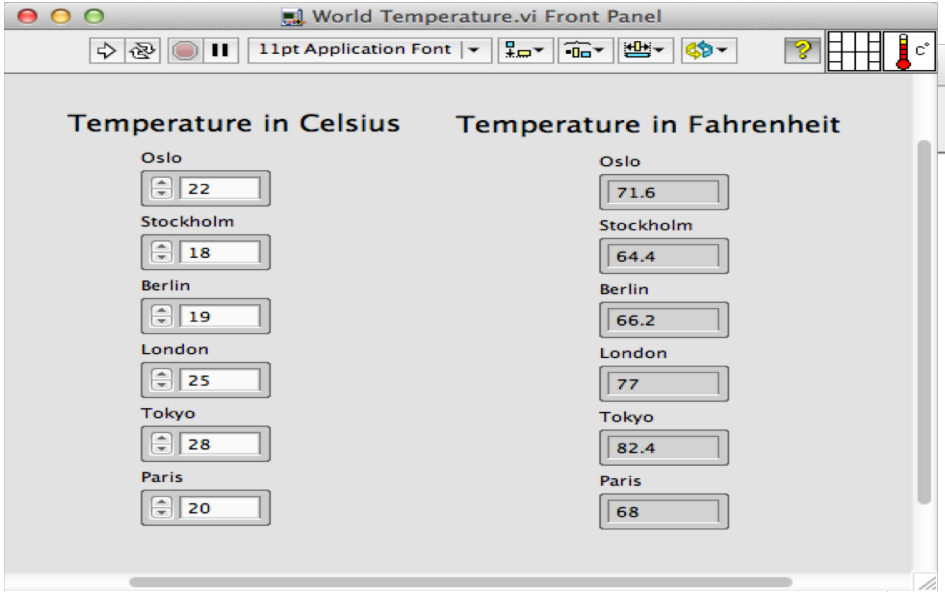
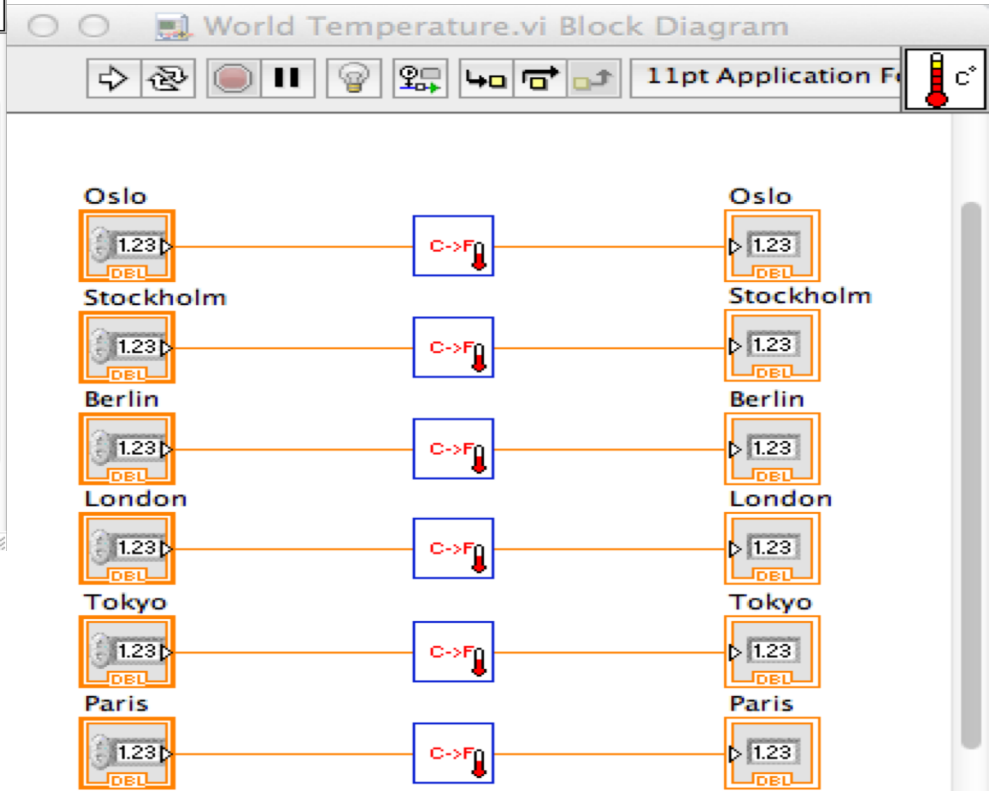
SubVIs

Here you see some of the advantages with using SubVIs.





DEMO

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