

# On Avoiding Setbacks

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PyData 2018/11/01

# The **Out-Of-Sequence-Reassembly** Setback

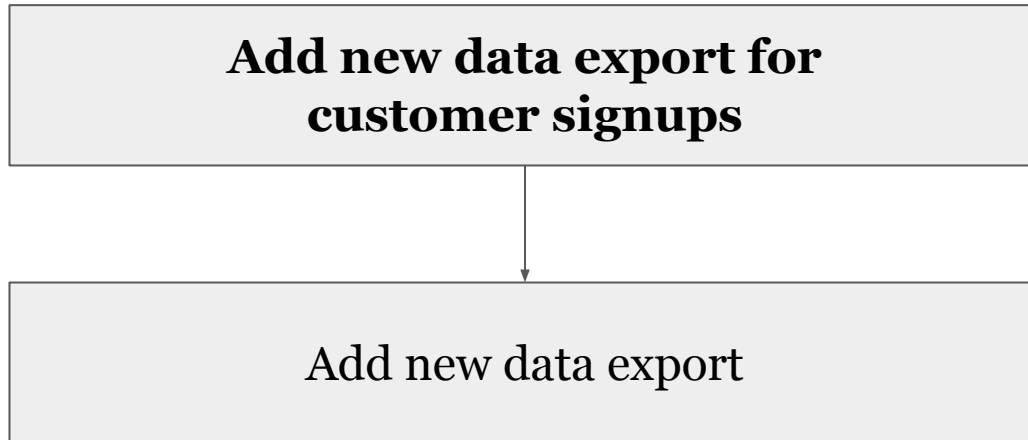
The first time you do any major job it seems as though the out-of-sequence-reassembly setback is your biggest worry.

This occurs at a time when you think you're almost done.

After days of work you finally have it all together except for: What's this? *A connecting-rod bearing liner?! How could you have left *that* out?* Oh Jesus, everything's got to come *apart* again!

Robert Pirsig, Zen and the Art of Motorcycle Maintenance

# The Scope Creep Setback



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**Add new data export for  
customer signups**

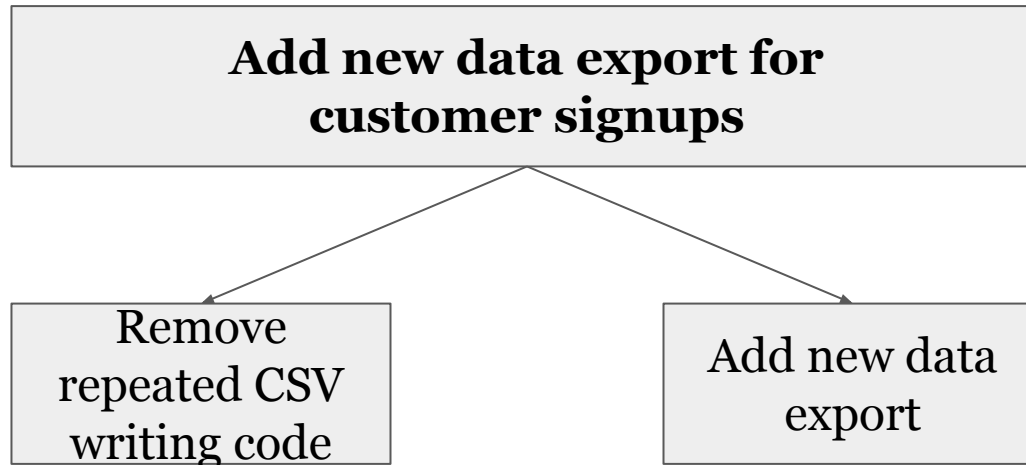


Add new data export  
and remove repeated CSV writing code

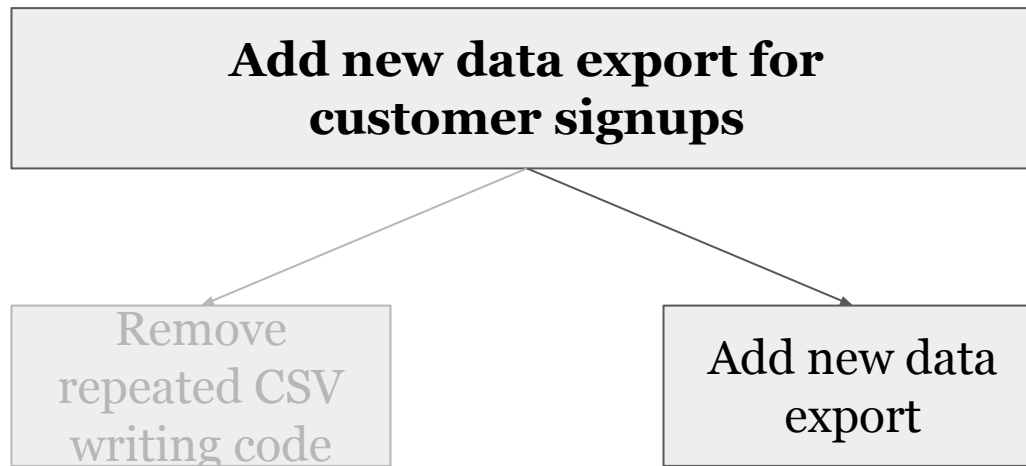
# The Scope Creep Setback

1. Large number of changes.
2. Comments on the refactoring of repeated code were ignored because they would delay the main goal of the work, to add the new data export. Didn't test the new CsvWriter class.
3. Commit history didn't reflect a coherent narrative of what was done without some serious rebasing

# Avoiding The Scope Creep Setback



# Avoiding The Scope Creep Setback



Does the change increase the quality of the codebase in its own right?