# 6.12 sprint status report

E. Guiraud PPP meeting 06/07/2017

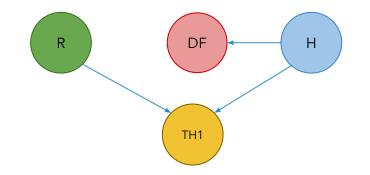






auto h = df.Histo1D();

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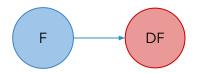
### auto h = df.Histo1D();



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#### auto f = df.Filter("b>0");



## ROOT-8883: axis range deduction

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manualh = df.Histo1D(TH1D("x",100,0.,1.),"x")

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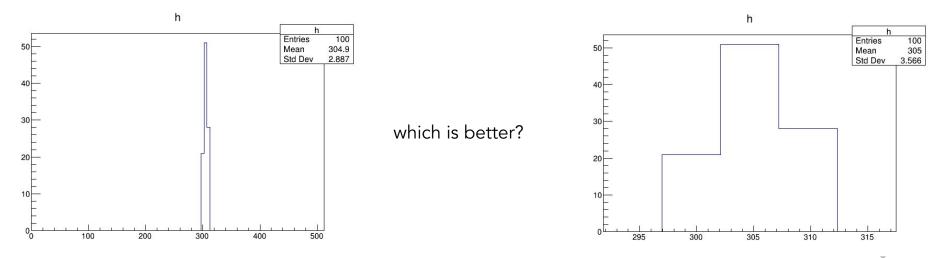
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- current solution is only practical for 1D histograms, scales up to O(1e8) entries\*n\_histograms
- proposed solution relies on providing a default model with an arbitrary initial range

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### Early detection of branch name errors

- ROOT-8879: Consistent, unified selection of column names in TDF
- ROOT-8873: Reinforce the mechanism to detect non existing branches
- ROOT-8880: Leave TDF unmodified (and valid) if booking of transformation/action throws

The plan: call a validation function before anything else in all transformations and actions

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#### return columnList