

1st ROOT Hackathon - the Fixathon

Closeout

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1. Solve or provide a resolution strategy for the possibly largest number of issues in the trackers of the ROOT project. ✓

2. Explain, hands-on, how to contribute to ROOT, following the guidelines of the project and Open Source best practices. ✓
3. Illustrate how software development happens for large scientific, open source software package. ✓
4. Spend all together, devs and users, two pleasant and very productive days, learning from each other. ✓



In pictures





What did we achieve?

- Closed issues (GH+Jira): 28 + 8
- PR is open: 35
- In progress: 24
- Backlog: 31/113 that we had yesterday morning!

Backlog 31 / 200 Estimate: 0

This item hasn't been started

- root #14583 [ROOT-5159] Improve TTree documentation about SetMakeClass()
- root #14566 [ROOT-5305] More Complete MakeClass/MakeSelector Example.
- root #14569 [ROOT-8348] Segmentation Fault in TMVA::DecisionTreeNode::Print
- root #14571 [ROOT-10797] Seg fault and misleading error messages if system header files are missing
- root #14582 [ROOT-8594] Deprecate old classes in statistical tools
- root #14540

In progress 24 / 100 Estimate: 0

This is actively being worked on

- root #14567 [ROOT-10535] builtin xrootd not properly used
- root #14572 [ROOT-10592] Characters with diacritics not well rendered in "root -a"
- root #14538 [ROOT-5125] Autozoom functionality for TH1/TH2/TH3 or TAxis classes
- root #14541 [ROOT-6193] Editor for palette axis cannot set title properties
- root #14546 [ROOT-10952] Vertical grid lines in ratioplot4.C not at specified positions

Stuck - need help 4 Estimate: 0

If you feel stuck and would like help from another person

- root #14552 [ROOT-5114] Possible out-of-bound writing in TString
- root #14558 [ROOT-4716] TTree merging problems when including empty trees
- root #10680 Namespace dropped in std::function cppy binding
- root #10239 ? wildcard broken in TChain::Add()

PR is open 35 Estimate: 2

This item is in review

- root #14586 [ROOT-6317] using namespace statement does not provoke autoload
- root #14565 [ROOT-5578] Add (Double_t minval = FLT_MAX) parameter to THStack GetMinimum
- root #14570 [ROOT-10978] Remove R__LOAD_LIBRARY from RNTuple tutorials
- root #14573 [ROOT-10118] Follow Python convention for bool representation of STL containers in PyROOT
- root #14577 [ROOT-10355] Use GetDemangledTypeName instead of TypeID2TypeName

Done 28 Estimate: 1

This has been completed

- root #14599 The example th2polyUSAC needs re-labelling
- root #14593 Build fails with CLING_DEBUG=1 set
- root #14584 [ROOT-10802] We need a clear explanation of cycle numbers in our docs
- root #14585 [ROOT-5572] Handling of '?' in TRegexp
- root #14564 [ROOT-5138] Provide an implementation of Random123
- root #14568 [ROOT-10943] Multiple variable definition



- ROOT team - please review open PRs
- Issues in progress (esp the non-ROOT team participants)
 - if you wish, finish an issue and keep in touch with your coordinator or another team member
 - if not (and it's absolutely fine too!) or you're stuck - please also let us know so that we can re-assign the issue

Thank you for coming, working really hard and contributing so much - the progress has been very impressive!



One last thing - let's take a
Group Picture!