

INTT software rule

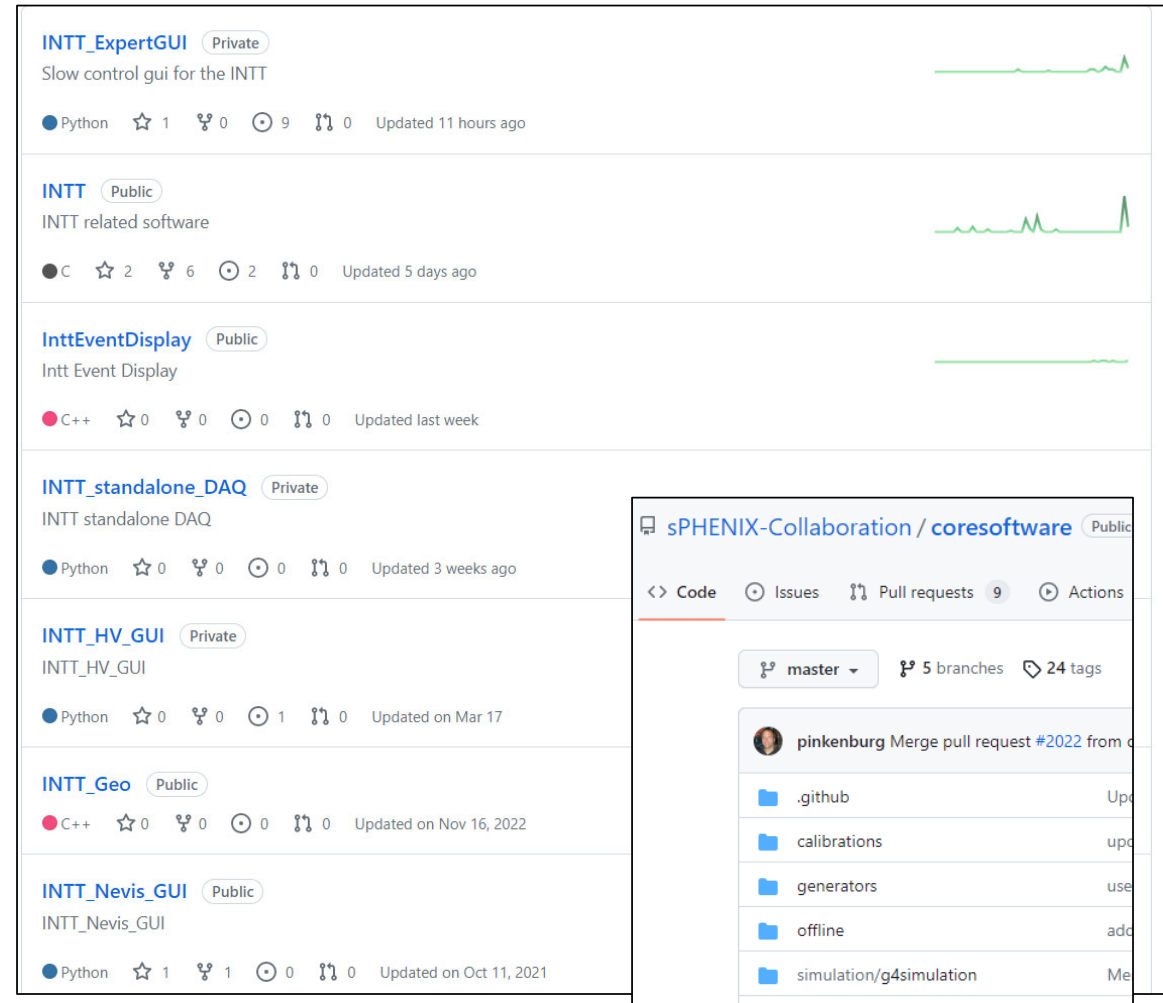
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Introduction

- Thank you, all guys, for developing the software / commissioning work at BNL and the outside.
- There are a lot of software/codes/analysis macros developed used but not these codes are not well managed (I think)
 - We have been using GitHub
- It is good to re-organize the repositories in GitHub
 - The purpose is to gather the useful code in one place
 - Of course, you can keep your personal repository. Once you share your macros/codes for people, please copy them to the INTT repo.

INTT related repositories on GitHub

- Current INTT repos are listed
 - INTT is our main repo which contain the all codes
 - Others are the project related repo, Event Display, Expert_GUI, Geo, HV_GUI, and so on.
- “Coresoftware” is sPHENIX main repo which contain all the reco/sim software
- Our proposal is following













A plan for re-organize INTT repo

- “CoreSoftware”
 - INTT-Raw-DST-Converter
 - Offline/online Ch converter
- Analysis/Commissioning codes commonly used
 - Make directory the project by project under INTT/analysis
 - INTT/??? (analysis/テーマ毎)
 - Monitoring
 - Calibration monitor by Misaki
 - Analysis codes by ChengWei
 - DAC0 scan macro by Jaein
 - DAC scan by Yuka (same code but for the collision data)
- OnlineMonitor?
 - There must be official repo but I don't know yet
- INTT_HV_GUI
 - HVGUI – PYTHON made by Joseph
 - Genki's original code is moved to “obsolete”
- INTT/general_codes
 - Please use as your personal repo.
 - Everything you want
 - For example
 - Yuka's DAC scan code for the ELPH beam analysis
 - Yumika's efficiency analysis code for the cosmic ray data

standard convention rule (INTT hardware #)

- Arm # : 0-1 (0:South, 1:North)
- EBDC server #: 0-7 (represents INTT Felix server ID)
 - HostName : intt0, intt1, ..., intt7
- Numbering for Barrel、 layer, Ladder, ROC described in WIKI
 - https://wiki.sphenix.bnl.gov/index.php/INTT_Barrel
 - Barrel: 0-1
 - Layer: 0-1 (for each barrel)
 - Ladder #: 0-11(0-15)
 - B0: 0-11, B1: 0-15
 - ROC
- These numbers we should use the same definition for numbering
- Other new numbers and names will be determined on a case-by-case basis.
- All information should be kept in WIKI

INTT team@opc0 - GetFPHXParameterAddress added. It just provides a dictionary ...   beae782 5 days ago  309 commits

	Channel_classification	estimate ADC comparator threshold and noise using error function http...	2 years ago
	HV_LV/LV	Shell scripts for the LV operations (the switch and ladder power) wer...	5 months ago
	Testbeam_G4_code	Simulation for the test beam experiment: Positions of INTT hits and s...	6 months ago
	felix	- GetFPHXParameterAddress added. It just provides a dictionary of FPH...	5 days ago
	general_codes	Genki\'s INTT control pannel application added.	last week
	.gitignore	gitignore updated, some data files in ROOT format are not ignored.	2 years ago
	README.md	README updated	10 months ago

