

Thoughts on Collaboration

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I'm Scared

- As an experimentalist...
- ROOT & GEANT4 are like air
 - They just exist
 - They are foundations
- Moving to new support partnerships with others:
 - Lifecycle same length as us?
 - Will we end up supporting anyway?
- Never seen an open source project last this long
 - Linux, gcc are perhaps the only examples

I'm excited

- Getting our software to interop with others means living in a much more modular world
- Each small project would be owned by a small group.
- The small project would have one main focus
 - Presumably would do it quite well

I'm scared

- Involving others, like industry, means we have to incorporate their development priorities.
 - Especially when we are first starting one of our projects
- Will the experiments be able to get even less of what they want?

Excited

- Smaller units, more easily testable!!!
 - Less bugs?
- Pull in more of the current open source tools
- A decent package manager and distribution system would have to be adopted
 - This means it would be easier for a single person to pull in a wider variety of tools.
 - Perhaps this is not a plus! ;-)

Scared

- This could be seen as just a way to grab other people's funding
 - We use their money for our goals
- The funding agencies are already wise to this
- We will have to make sure that we understand and contribute to their research and goals
- This will require real effort on our part
 - Not always focused on producing more physics

Excited

- Perhaps wider adoption in our field of nice external tools
 - Github, etc.
- Outreach to other communities
 - There are lots of ideas we can probably adopt too!