

Computing Study Week

(a discussion)

The history...

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software developments & maintenance

- lack of human resources
- lack of commitment from groups

Software is
GRATIS
No, it is really not!

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software developments & maintenance

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a few of the actions taken...

- detailed analysis of resources
- awareness by collaboration
- push to board members
- work packages
- tutorials, workshops

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GRATIS
No, it is really not!

Did it improve?

Did it improve?



NO!

(well not really true, but the hope was more than achieved!)

Back to the drawing (collaboration) board

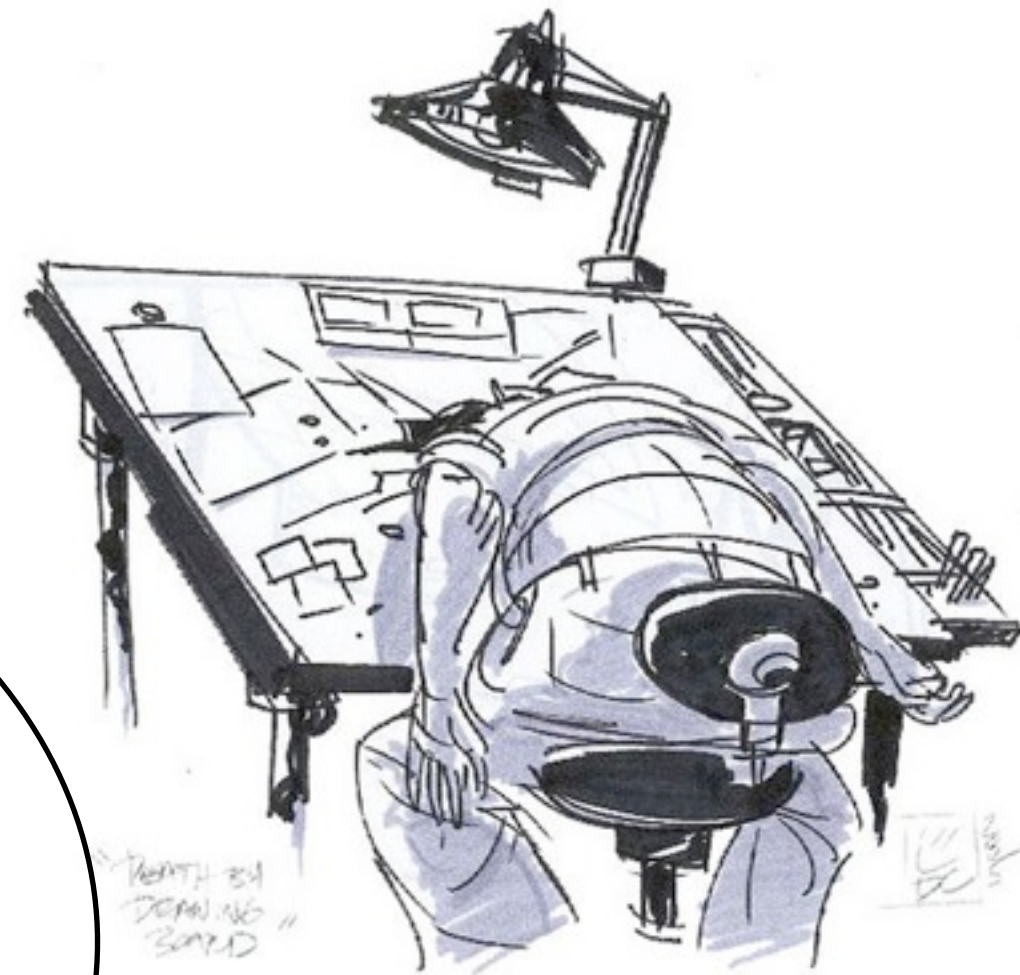


Back to the drawing (collaboration) board

1

keep monitoring the
software activities of
each group

(maybe that puts some
pressure)

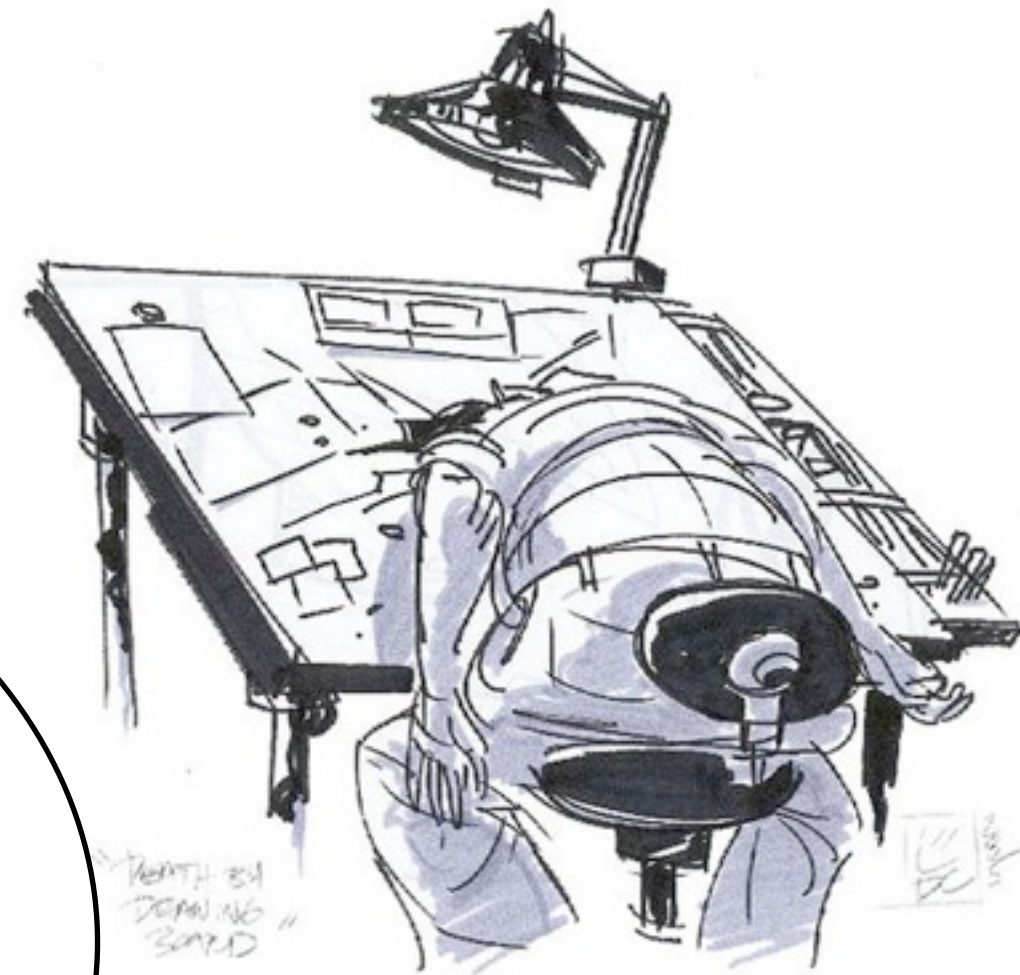


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2

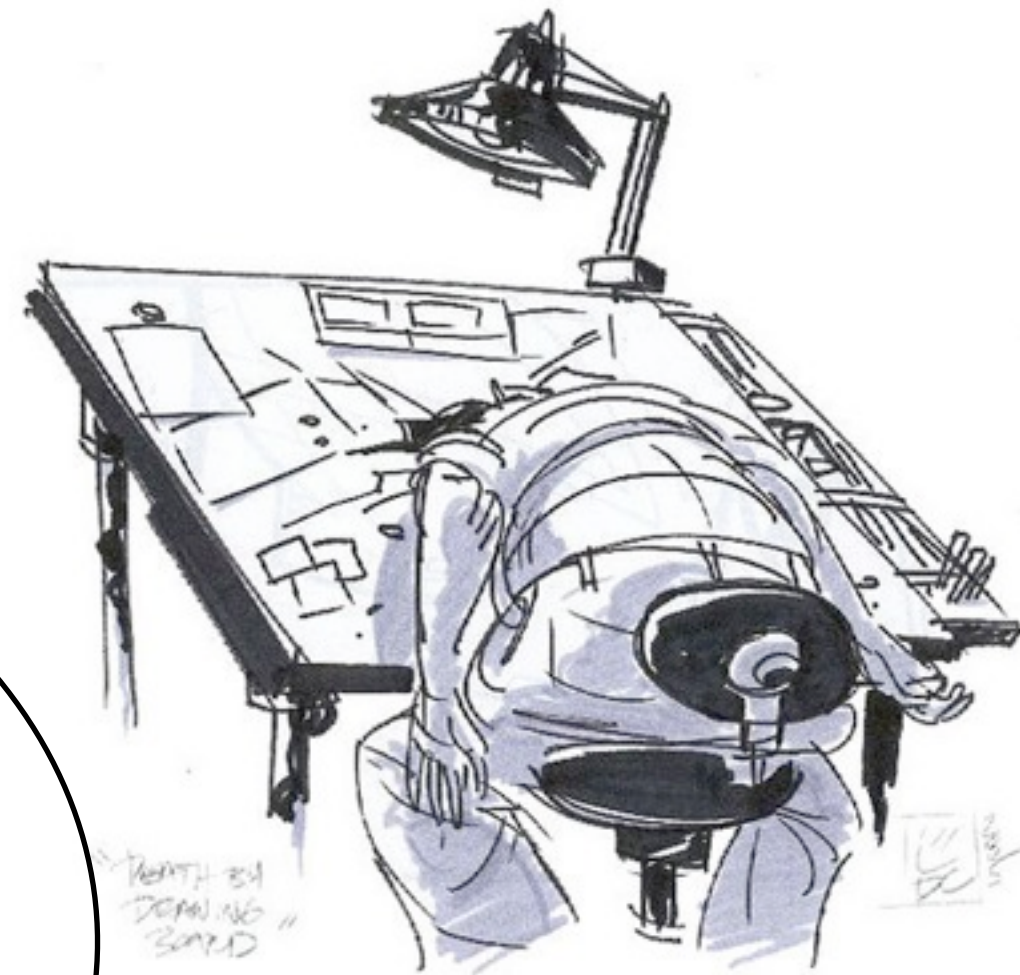
teach people in
computing

(maybe that brings in
expertise & interest)



Back to the drawing (collaboration) board

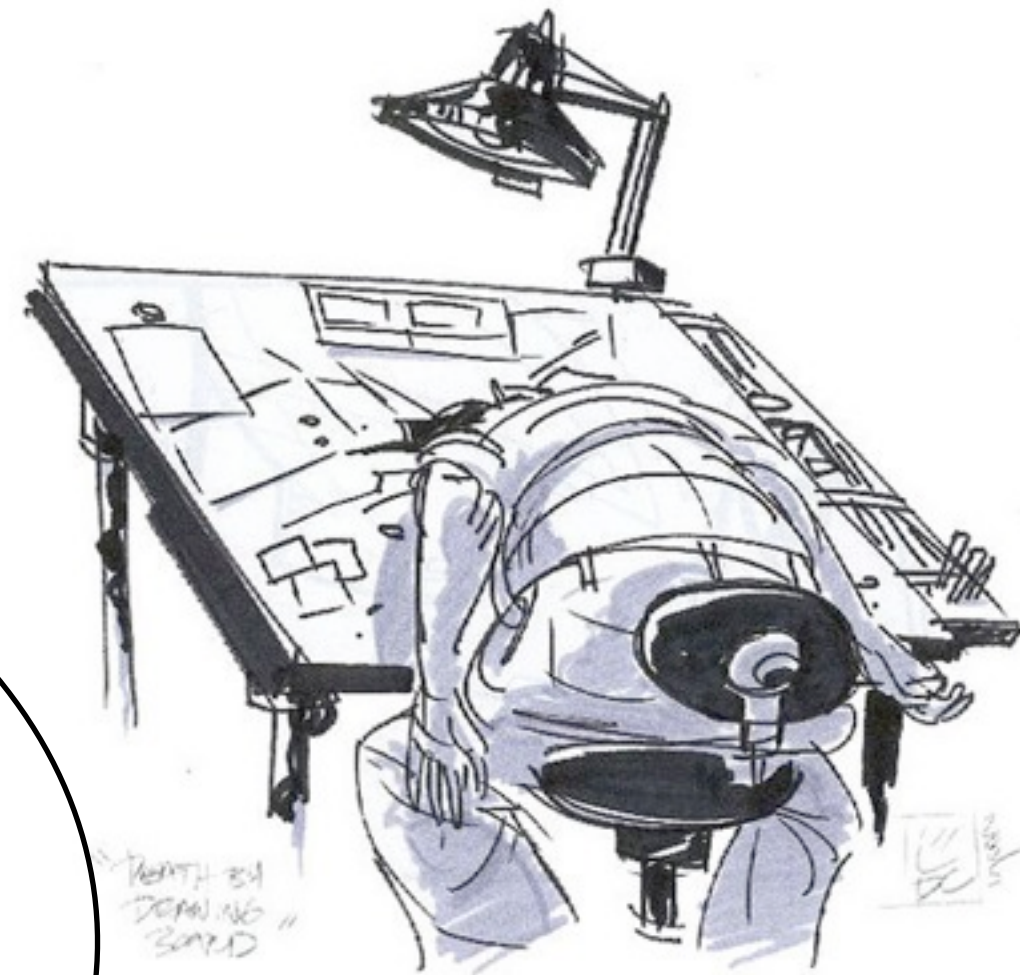
go now my son, and
don't bug us for a
while....



Back to the drawing (collaboration) board

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yes, but ...



Back to the drawing (collaboration) board



...what to teach,
to whom,
and how?

Inquiry to the institute heads

- potential participants?
- which level?
- what is their job for PANDA?
- what do they wish to be taught?
- possible supervision?



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wishes: basic OO/C++, how to use PandaRoot
for physics studies, how to develop software,
paradigms Fair/PandaRoot

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aim: PWA, generators, slow control, tracking, analysis tools, physics simulations, hardware/trigger simulations

Possible scenarios for “computing study week”

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focus on beginners:

Hello, world!

- > basics on C++/architectures/...
- > examples from (Fair/Panda)Root

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sounds natural approach, but some criticism...

- 1) only effective with large #parts. (~10 from inquiry)
- 2) don't expect miracles after a week
- 3) not a very structural way of education
- 4) do we really “catch” talented persons with this?

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so what about?

- 1) encourage to join CERN school of computing
(2x year, next 13-24 august, Uppsala)
- 2) organize it FAIR broad (FAIR school of computing?)
- 3) regular EVO video lectures

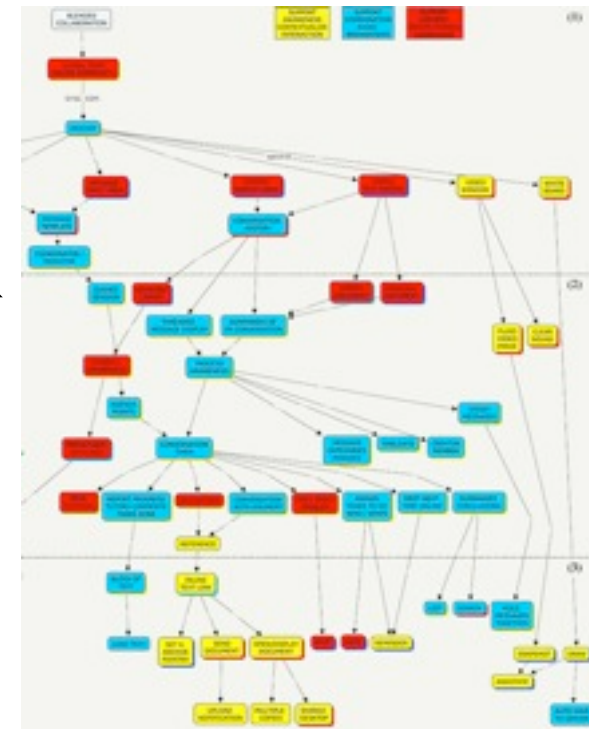


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focus on experts (requires level of expertise):

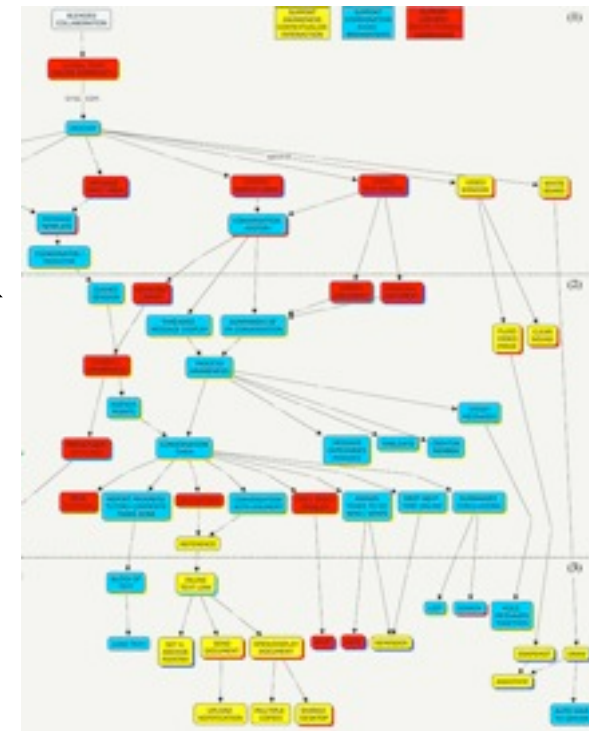
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- > work on quality assurance & documents
- > setup “starting material” for beginners



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different approach with a few benefits....

- 1) small group, more effective to go into details
- 2) more structural since experts are the ambassadors

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