

File 20080110.0926: Don't take courses just to check off a box.

I want some tools: makefile for starting a new project; makefile for new agenda.

Meeting today: my head feels like it's stuffed full of cotton.

- Process based, or methodology, or a very detailed case study.
- Rationale for the requirements of the CC in new version?
- Dynamic systems—composability—show how an existing tool can be applied to existing...
- This group—Booster—ask John Lyle.
- Trusted Platform Initiative
- Certification & Accreditation
- Hypervisor/VM monitor: how would you build one in SPARK?
- There are many VMMs out there, but how many have been verified?
- L4?
- VMs able to communicate, but only over very controlled channels.
- Multicore chips, but multiple VMs running on each core. Network with firewalls between them. Reusing well-understood experience.
- Z is all over the place, but tool support for it is not. *fuzz* is twenty years old, but still is about the best thing available. More recent tools—CZT—about 8 years ago. Open source, kicked off by A.M., using ISO standard Z. It implements the standard very strictly. Very picky syntax. That toolset is there.
- Take a Z specification and transform it into another language; write a proof tool for Z; there are DPhil projects in there. Tool support is very slim. Praxis is in the process of building an ATC project, 2000 page Z specification.
- Dr Martin could help me with Praxis NDA.

## References