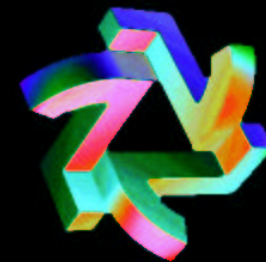


The New Midad Library

Brett Viren

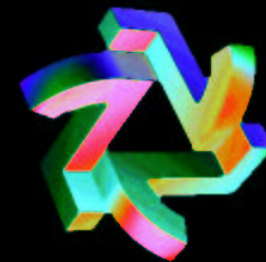
bv@bnl.gov

Brookhaven National Lab

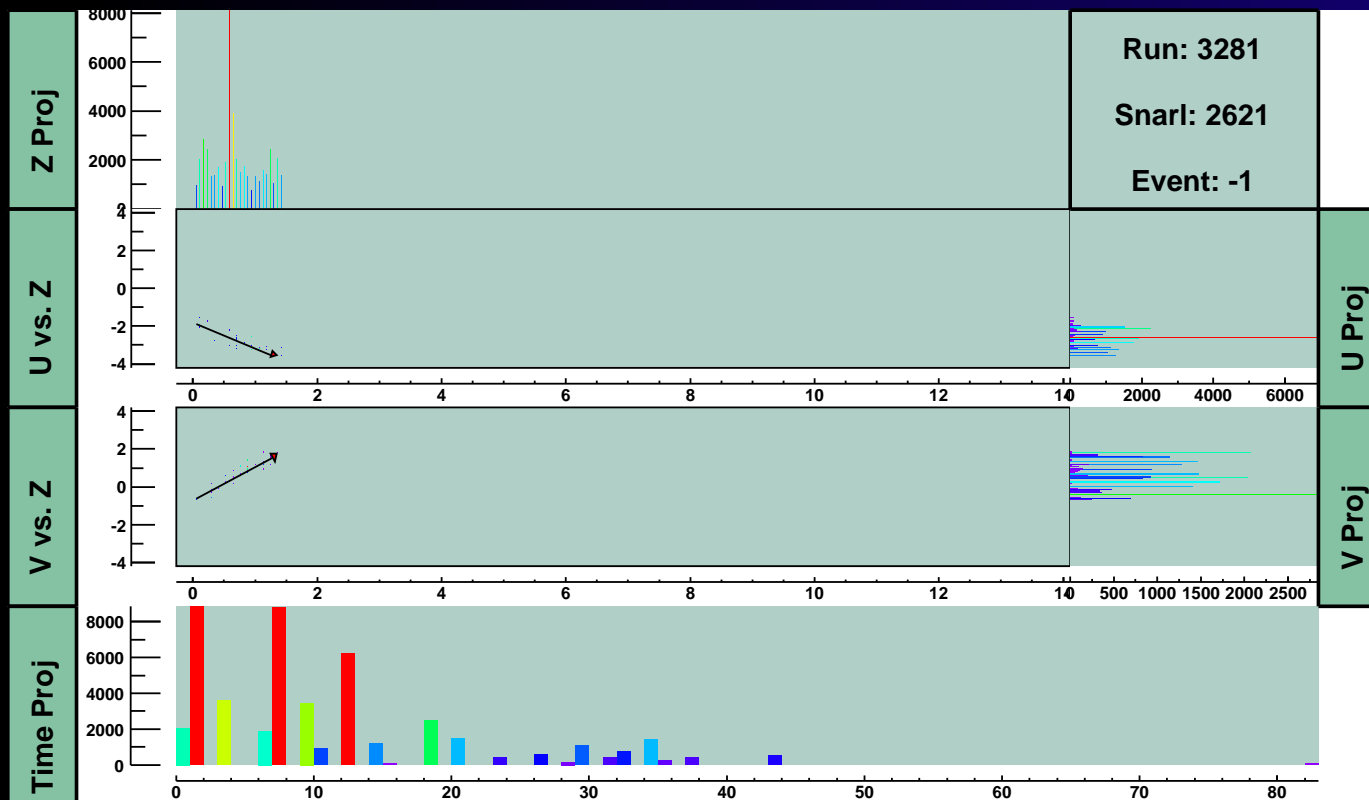


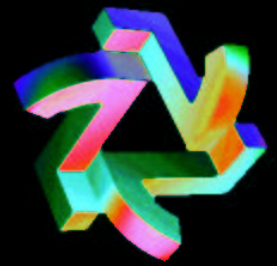
Talk Outline

- Sneak Preview of PS output
- CVS Reorganization.
- Running and configuring the new Midad
- Demo
- To do



Roy's Up-going μ - PS output





CVS Reorganization

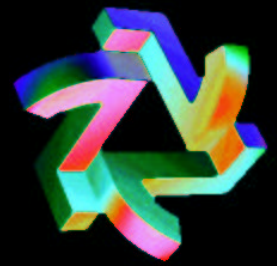
Now:

- Both `Midad` and `MIDAD` packages exist
- `Midad` provides no executable
- `Midad` is not “turned on” (must `addpkg -h`)
- `Loon` added, provides `loon` exec

After the meeting:

- Remove `MIDAD` from `packages-development`
- Add `Midad` to `packages-development`
- Remove `demojob` target in `Demo`

Running



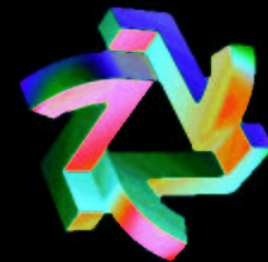
Things are run similarly as before. Instead of

```
midad your_config.jcm your_favorite_file.root
```

you have:

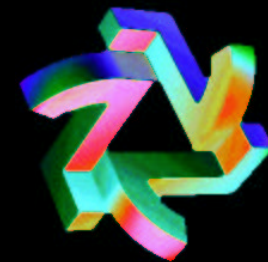
```
loon your_config.C your_favorite_file.root
```

Example `midad.C` provided in `Midad`.



Basic running and configuration

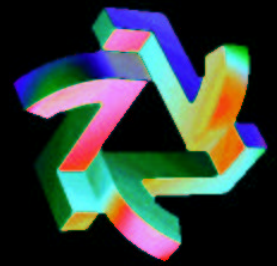
1. loon file.C file.root
2. gSystem->Load("libMidad.so")
3. gSystem->Load("libOthers.so")
4. Create and fill Job Path(s)
5. Create a Job Control interface: JobC
6. Create a Midad INTerface: Mint mint(jc);
7. Make some Models: mint.MakeModel(...);
8. Make a Display: mint.SpawnDisplay(...);
9. Make some Scenery: mint.AddScenery(...);



Example Config and Demo

- Closer look at `midad.C` →
- Demonstration (cross your fingers) →

To Do



- Some old MIDAD functionality still missing (eg. unzoom)
- Numerical color scale
- Useful popup menus
- More config via GUI (Registry editor, menus)
- Select time slice, display only hits in that time.
- ...