

Why occam?

- Sequential language plus real-time operating system not needed - which we have used for years.
- Occam is a parallel language with built-in handling of shared resources and communication.
- Programming errors are most often removed by compilation, seldom by debugging (virtually fail-proof syntax).
- Extreme degree of checking makes program safe.
- Occam is a small language with well-defined semantics.

Occam, coding conventions

- Abbreviations with `IS` is used a lot. This is used to reduce dimension of arrays and run-time checks. It is also used when `WITH` would often have been used by Pascal.
- `PAR` is used as a design methodology, this makes code more portable accross projects, and quite pluggable.
- `PROTOCOL` is used extensively.
- One `#INCLUDE` file per `PROTOCOL`.
- Folding editor used.
- Test-modules often used. The module `InitNorm.occ` is tested in the parameter-less module `TInitNor.occ`
- Everything is declared as close to its use as possible.

Questions ?

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