

# What it takes: Growing a Language is Like Growing a Plant

**STOP** sacrificing good seeds to growth gods of productivity!  
**STOP** killing efficiency by trying to be more productive!

A FAIRVIEWABLE data language for the requirements of a *thermostat species* has to be:

- Stable**, super-hard: predict tomorrow's science to not mislead datareasoning today
- Extensible**: improving extensibility easily inspires research project for good papers, but condition: only works well if long-term stability & usability are mostly ignored; for example, the "Systems Biology Markup Language" FAQ says about what SBML looks like: "Ugly. Don't look at it, ..."
- User-friendly**, innumerably many naming tasks, individually easy, collectively hard.

**A language for thermostat species needs the full range**

