

# SourceForge and Build Tools Discussion

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- **Need to converge to using tools hosted on SourceForge and work towards having a sustainable set of build tools.**
- **Most of this work was to be done within QUEST, but now need to move forward ourselves as QUEST won't be funded.**
- **Need to have concrete realistic plan for:**
  - Tool migration to SF
  - Consistent/maintainable build tools

- **Wiki**
  - MediaWiki on SF; also serves as primary web site
  - Trac; enabled but not really used
  - Trac@LAL; used extensively for QWG documentation
  
- **Subversion**
  - SF: all Quattor code is now hosted in SF
  - LAL: the QWG configuration is all in the LAL repository
  
- **Bug/Feature tracking**
  - SF: Pan compiler only
  - Trac@LAL: QWG related bugs
  - Savannah@CERN: Still pointer to this; used?

- **Current set of build tools based on (very) complex make files**
  - No one really dedicated to maintaining them now.
  - Very difficult to understand and to modify
- **Replacement with Ant scripts**
  - Attempt was made to do this
  - Unfortunately rather complex, not much gain over make files
- **Maven solution possible**
  - Good integration with repository
  - Allows dependencies through artifacts (easier release mgt.)
  - Allows multi-level project configuration
  - Language “neutral”; although plug-in best done in java
  - Willing to do limited test, will need help from others...