

# DTN Reference Implementation Update

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# DTN RI -- today

Last release of DTN2 & oasis > 16 months ago  
(Dr. Mike Demmer moved on to unrelated start-up)

Current releases on SourceForge:

DTN-2.6.0

and

oasis-1.3.0

(see <http://dtn.sourceforge.net> as starting place)

# Maintenance since last release

- ◆ DTN2 command line has been updated to provide more options and detailed information on available options + syntax (less RTFM!)
- ◆ Configuration options of storage, interface, link, route and discovery commands have been documented in the DTN2 manual
- ◆ DTN2 and oasys build scripts updated to carry out extra dependency searches and provide extra warnings and feedback during build

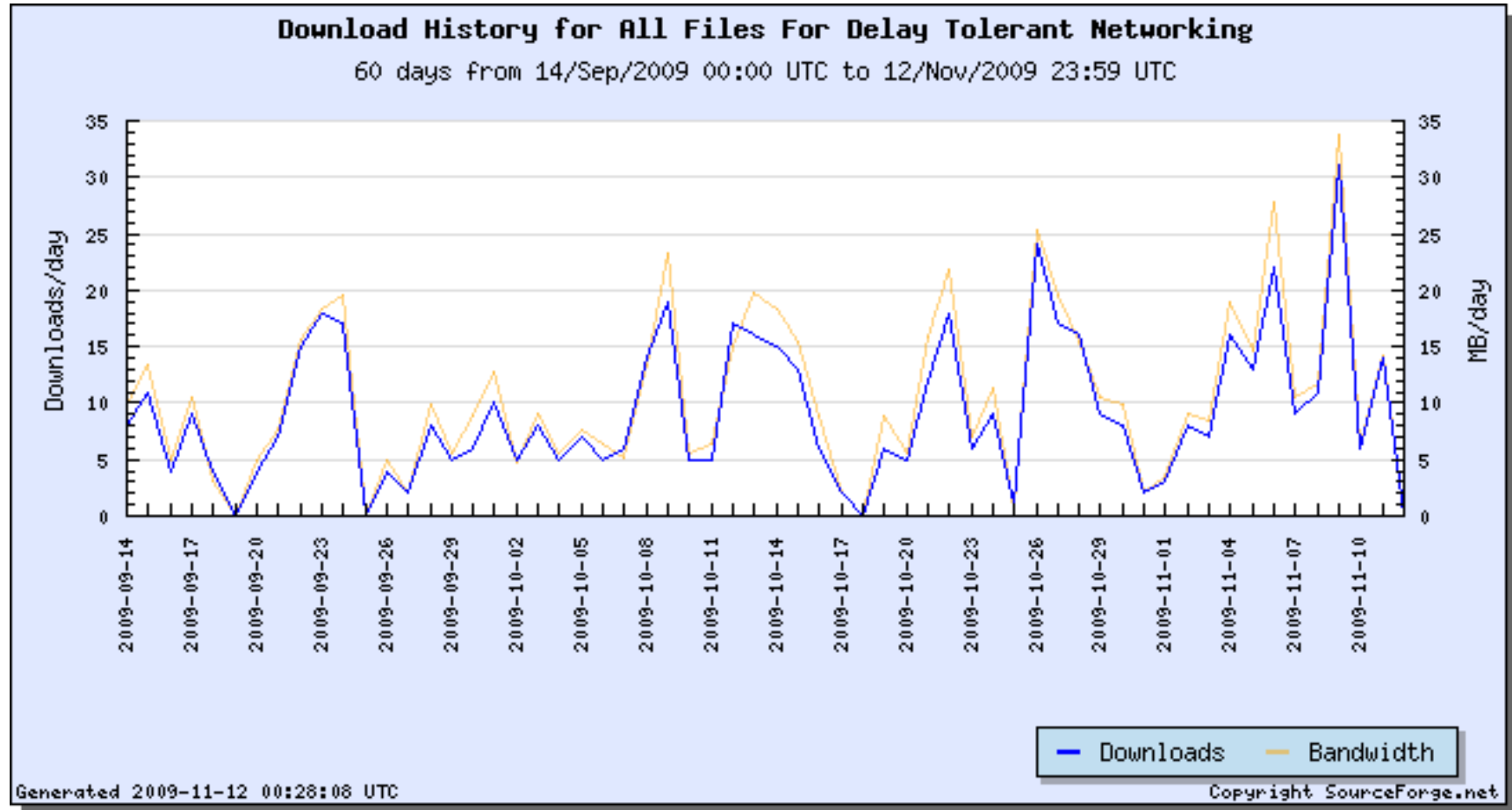
# Maintenance (cont'd)

- ◆ Some bugs addressed including addition of missing headers, removal of incorrect checks, keepalives, removal of recursive symlinks...
- ◆ DTNPerf updated to version 2.4
- ◆ Some PRoPHET problems addressed
- ◆ Port to OpenWRT (Kamikiaze release) now in SourceForge

# DTN Repository Hosting

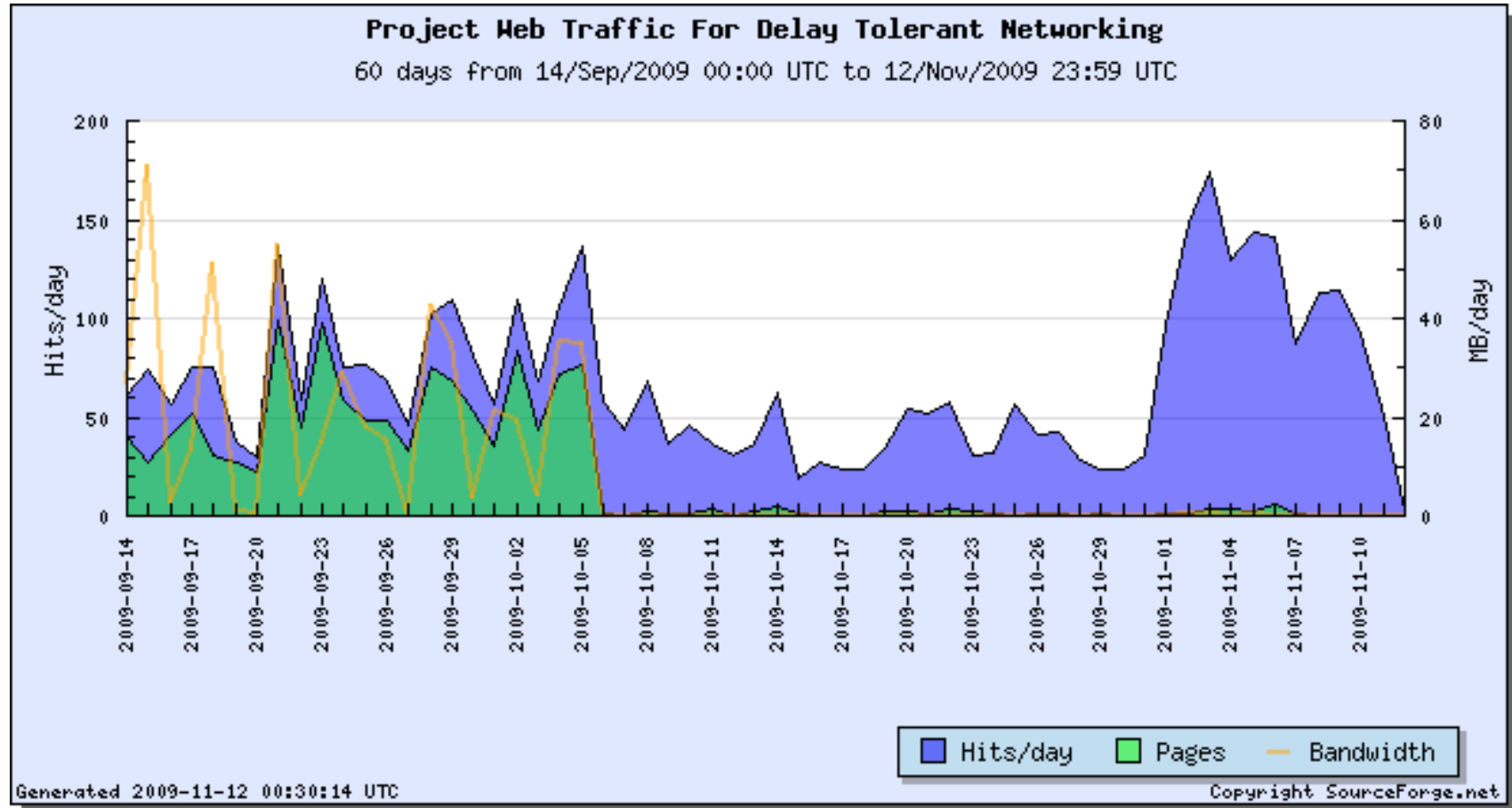
- ◆ Repositories now supported by SourceForge
  - ◆ read/write through SF
  - ◆ integrated with statistics mechanisms
- ◆ Implementation of BugTracker on SourceForge notifies dtn-users list on changes
- ◆ Working on migration of DTNRG Wiki (Moinmoin based) to MediaWiki
  - ◆ And mail lists/archives to SF

# DTN on SourceForge



- Increase in downloads of DTN2 / oasys

# DTN on SourceForge



- Increase in SF project hits for DTN2 / oasys

# DTN RI – for consideration

- ◆ PRoPHET implementation
  - ◆ why is it implemented in a different way to other routers ?
  - ◆ is anyone using it ?
  - ◆ Is it still an accurate implementation of the draft
  - ◆ Does it work ?
  - ◆ Can it be removed/altered ?
- ◆ Implementation of Drafts
  - ◆ Establish tracking on implementation of drafts?
  - ◆ (with priority ordering)?
  - ◆ (with deadlines)?



# DTN RI – current/future work

- ◆ More updates to command line and documentation are to be committed to repo
- ◆ release DTN-2.7.0 & oasys-1.4.0
- ◆ Contributors, please provide your (old and new) DTN apps for inclusion in `/apps/contrib/`
- ◆ Use BugTracker for bug reports