What's New in Subversion 1.8

WANdisco presents

Subversion Live 2012

San Francisco, CA - Greenwich, CT - London, UK

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Merging

- svn merge --reintegrate (now automatic)
- svn mergeinfo (summary diagram)
- svn merge (diagnoses some common pitfalls)

More UI Improvements

- svn commit --include-externals
- svn log --search
- svn diff --ignore-properties --properties-only --patch-compatible
- svn resolve (now interactive)
- inheritable properties

```
$ svn st
X       B
M   X   bar
M       foo
$ svn commit --include-externals
Sending         foo
Sending         bar
Sending         B/baz
Transmitting file data ...
Committed revision 11.
```

```
$ svn log --search "pattern"
------------------------------------------------
r1354888 | stsp | 2012-06-28 05:50:58 ...


Allow searching dates with 'svn log --search'...
------------------------------------------------
r1354831 | stsp | 2012-06-28 02:40:44 ...


* subversion/svn/log-cmd.c
  (match_search_pattern): Match the pattern
    anywhere in a path name, not just at the ...
```

```
$ svn resolve
Conflict discovered in file 'B/bar'.
Select: (p) postpone, (df) diff-full,
        (e) edit, (m) merge,
        (mc) mine-conflict,
        (tc) theirs-conflict,
        (s) show all options: _
```

Server-side Improvements

- revprop packing
  - improved handling during backup
- 100% cache coverage
  - all r/o requests can be run from it
- deltification improvements
  - smaller repos, more tuning knobs
- benchmarking tool
  - identify server and network bottlenecks
- began investigation into I/O reduction

Additional Features

- serf the only HTTP client
- No need to GET files in the pristine store
- GPG password agent
- Client details available in commit hooks
- Interactive command line text-conflict tool
- svnadmin freeze command