Remote secure backups

Paula Valença aka phantas

- It is a truth universally acknowledged, that a single geek in possession of an (arguably) good set of data, must be in want of a backup.

- For you are not a Man (or a Woman) until you have had an hard disk corrupt on thee.

- ... and by the third strike (on the desk), a conclusion shall be reached...

- ... you can't trust a geek.

- I forget when was the last time I actually worked on a PC instead of a laptop

- I don't have a home server but I have a remote one (my birthday is on the 21st of November, I want a 256K slice kplstks)

- Yes, I have a "portable" hard disk; there's also a reason I have 3 agendas that all sync

Problem: daily sync critical data to a remote server which is not under my full control.

Want:

- remote server not to have access to plain data at ANY point

- low bandwidth usage

- low leakage of information

- **Status**: *coff* *coff* [1]

  - I have a shell (yes, shell) script hack (does the deed)

  - low bandwidth usage ✓

  - low redundancy of uploaded information ✓

  - popular Unix tools instead of obscurity ✓

  - low leakage ... well, almost

- Still very much at a conceptual stage

  - analysis, portability, recovery, leakage, blocks, speed, more analysis...

- And, of course, want to do it in Perl... duuh

http://www.paulavalenca.org/tech/