WiP: Octopus

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The Problem

• More than 3(?) computers per user.
• Heterogeneous hardware & software.
• Incoordination, uncontrollability, and inconsistency of current systems:
  – All control in the mind of the users.
  – Transmission also: they use pen-drives to do the work.
The Octopus

• The PC: a box that centralizes everything for a user.

• Terminals: all other boxes.
User sees terms A, B, C, D in the PC's namespace.

Terminal A exports files to Terminal B.

Export files from Terminal B to Terminal C.

The PC imports the terms from the PC's namespace.
The Octopus

- Octopus runs on Inferno.

- All *ware underneath Inferno is our systemware.

- The systemware is wrapped and exported to the Octopus namespace.
THIS IS OUR SYSTEMWARE!

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Status

- Op, Ofs, Oxport (working).
- O/mero (working).
- O/live (ongoing).
- Application Drivers (ongoing).
- Copy Device (ongoing).
- Cifs for Inferno (to do).
- ...

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More Info

http://lsub.org/ls/octopus.html