Fedora Medical SIG

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GNUNify 2010

February 20, 2010
What is it?

- A special interest group for collecting and organizing medical software to suite the needs of healthcare community.
- Contributors with different skill sets coming forward to contribute.
- Current members consists of doctors, pediatrician, medical students, veterinary practitioners, packagers, coders and others.
Goals

- Workflow identification
- Software identification
- Packaging and making them available in fedora repo
- Pushing out spin
- Identifying voids and write suitable software for it. (Appointment scheduler)
Challenges

- Different laws in different countries
- Unpackaged software (almost NO package in Fedora)
- Unclear licensing
- Very diverse requirements
- Testing
Challenges..contd.

- Testing Aspects
  - Fitness for purpose
  - Which one? or all?
  - Privacy policy, legal hazards
  - Expertise, building QA process, release engg.
  - Convincing and feedback
Taken care of

- Infrastructure setup
- Initial team
- Goals and deadlines
- Partial Identification of general practitioner’s workflow
Practitioner’s workflow: Draft

- Accounting and invoices
- Appointments handling
- Electronic medical record, stores information on patient’s health(*)
- Lab results handling
- Medication databases for prescription writing
- Medication AND vaccination database and scheduling
- Dosage Calculator
- Available growth centile charts
- Office suite connected to EMR software for all kinds of patient related letters and reports (GNUMed)
- Patient data exchange software
- Fax software
- SMS/Mail reminder
- Stock handlers
Other workflows

- Vet’s workflow
- HMS
- Clinical Lab workflow
- Imaging, image processing and high-end systems
- Medical Research & Biomedical
Needs to be done

- Regular meetings
- Speeding up software identification and packaging
- Collating several workflows for spin
- Working on other aspects of spin release
Similar Projects and collaboration

- Debian Med
- OpenSUSE medical
- Discussing about a consolidated place to work on collaboratively
Where do you fit in

- Primary goal is to recruit contributors
- Mapping workflow
- Finding compatible software
- Collecting feedback and comments
- Packaging
- Testing
- Documentation
- Artwork
- Coding (Later stage)
Where do you fit in: fancy stuffs

- Project works
- May be GSoC :)

Introduction
Works underway
Scope for contribution

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