

Fedora Medical SIG

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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 :)

Resources

- Mailing list:
<https://fedorahosted.org/mailman/listinfo/medical-sig>
- irc: #fedora-medical on IRC
- trac: <https://fedorahosted.org/fedora-medical/>
- Personal mail: susmit AT fedoraproject DOT org