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COMPS-c31

SE Experiment 10

Aim: Study of Dev-Ops

Theory:

- A no. of online Devop tools are available which are open ~~source~~ source & free to use
 - select set of tools for the various stages of SW Dev makes a ~~se~~ Devops tool chain
 - Diff. tools are used in different stages.
- Collaboration: when a team working across different part of project is able to create & manage the project at once, its done using collaborative tools. The Tool used is Docker / skype / slack
- Planning: need to plan the development of product across various phases (ASANA, clarizen)
- Source control: The Base version is fixed, changes are made on new Branches & merged (Git / subversion)
- Issue tracking: Tracking issues & Point of failure possible using Dev-ops (Jira, Zendesk)
- config management: auto config tools avail (Ansible / Puppet / chef)
- Continuous integration - (Jenkins / team city)
- Binary Repositories (RT factory / Nexus / maven)
- Monitoring (Big Panda & Sensu)

- Automating all development & testing - Ansible (Telegraf)
- Database integration. (Razor SQL, Team Desk)
- Development (Docker & IBM)

Conclusion: Thus we listed all the phases & tools used in the Devops tool chain.