

Introduction to IXP Manager

RIPE Regional Meeting
Dubrovnik



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IXP Manager

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- Front-end web application
 - locations, cabinets, switches, ports, IP address management (v4/v6)
 - multiple physical infrastructures / multiple vlans
 - customers: contact details, tech details, user login accounts
 - physical interfaces, virtual interfaces, vlan interfaces
 - meeting management
 - customer portal (stats / port details / etc)
- Back-end tools
 - tool to interface with perl Template::Toolkit
 - building DNS files
 - building tacacs+ for route-collector logins
 - populate SQL address tables for IPAM stuff
 - build mrtg configs (including per switch and per-infrastructure aggregates)
 - fully automated route-server / route collector configuration



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- TODO immediately
 - Installation instructions
 - Basic SQL setup
 - Documentation including E-R SQL diagram
 - Make back-end tools available

- Development roadmap
 - patch panel management
 - PHP Smarty back-end to complement perl Template::Toolkit
 - XML data export
 - NETCONF

- Other stuff
 - Localisation



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`github.com/inex`

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