EPICS



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- Fast installation of EPICS servers
- As many systems as possible on the same level
- Standard interface and layout
- Not bound to previous knowledge of the user
- Minimum hardware requirements
- Not bound to software systems, operating system version, security patches





Fritz-haber-institut | Patrick Oppermann | EPICS Edge server



Key features

- Create user 'epics'?
- Installing neccessary software (Packages)?
- Install basic dnsmasq config for DHCP and DNS? Python
- Install procServ to /opt ?
- Install EPICS base?
- Install FHI support modules compilation?
- Create FHI folder for user epics? (RELEASE.local)





Support Module Structure



EPICS







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FRITZ-HABER-INSTITUT Projects	🛩 Groups 🛩 More 🛩	 Search or jump to 	۵ DP 11 × B 🞯 × 🌐 ×
epics-edge-setup	📾 epics-tools > 👻 epics-edge-setup		
Project overview Details	Codebian Project ID: 182	lb ⊕	□ •
Activity Releases	◆ 29 Commits 🆞 1 Branch 🖉 0 Tags 🖻 236 KB Files 🗟 236 KB Storage repository for the epics edge / gateway computer setup script. originally it lived in https://gitlab.fhi.mpg.de/snippets/2		
Repository	master v epics-edge	-setup / + • History	Find file Web IDE
D Issues 0 11 Merge Requests 0	debian non-free in Readme root authored 1 month ago		b2bbdc08
🖞 Wiki	README Add LICENSE Add CHANGELOG Add CONTRIBUTING Set up CI/CD		
B Members	Name	Last commit	Last update
C Settings	🕒 99-serial.rules	modify udev rules to fit jetway 10 port comp	1 month ago
	M* Readme.md	debian non-free in Readme	1 month ago
	🕒 ca-gateway	add README and ca-gateway service file	5 months ago
	n debian-setup.py	argh	5 months ago
	🕒 gateway.access	add fixed IP to /etc/hosts && add gateway fi	5 months ago
	💠 gateway.conf	add fixed IP to /etc/hosts && add gateway fi	5 months ago
	🕒 gateway.env	add fixed IP to /etc/hosts && add gateway fi	5 months ago
	🕒 gateway.pvlist	add fixed IP to /etc/hosts && add gateway fi	5 months ago
	🔄 get-serial-hwports.sh	modify udev rules to fit jetway 10 port comp	1 month ago
	🖹 ports.txt	modify udev rules to fit jetway 10 port comp	1 month ago
≪ Collapse sidebar	net test-serial.py	Update snippet	1 year ago





/FHI/IOC

./EPICS/base-7.0

./EPICS/epics-support

./EPICS/epics-support/motor

./EPICS/epics-support/modbus

./EPICS/epics-support/scaler

./EPICS/epics-support/seq-2.2.8

./EPICS/epics-support/autosave

./EPICS/epics-support/patches

./EPICS/epics-support/StreamDevice

./EPICS/epics-support/vme

./EPICS/epics-support/calc

./EPICS/epics-support/ipac

./EPICS/epics-support/asyn

./EPICS/epics-support/devlib2

./EPICS/epics-support/busy

./EPICS/epics-support/sscan

./EPICS/epics-support/recsync

./EPICS/epics-support/ca-gateway

./EPICS/epics-support/ip

RELEASE.local

