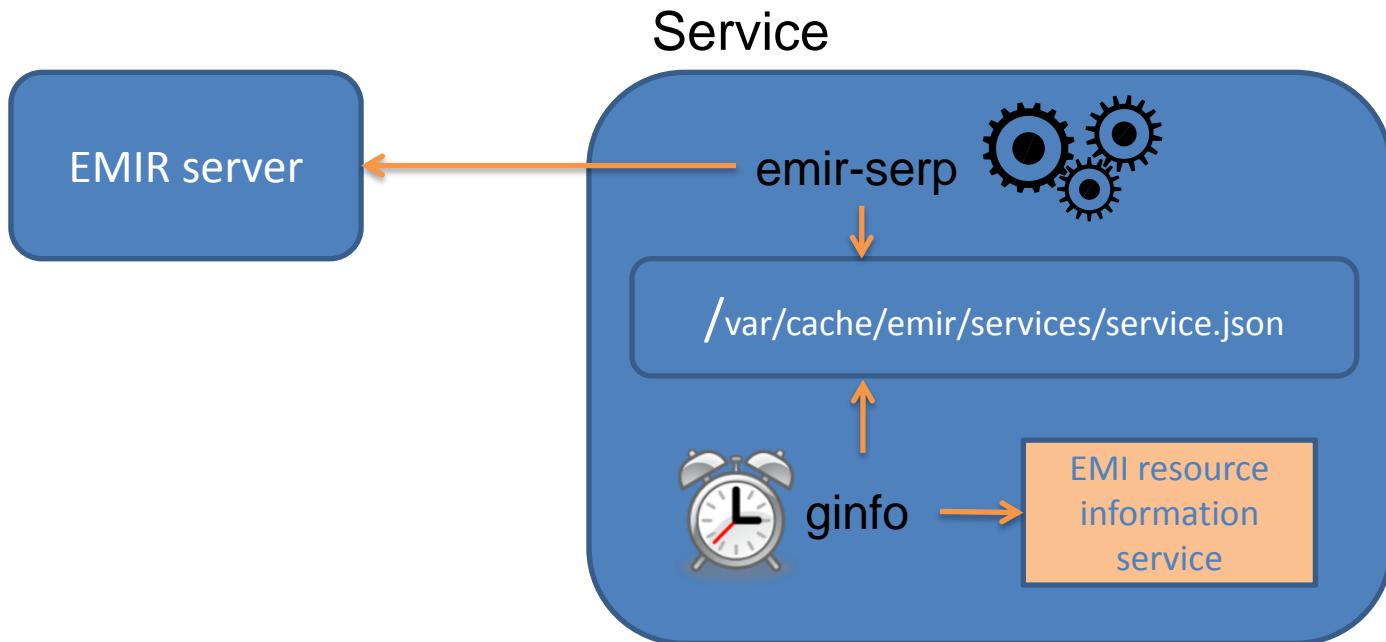




EMIR integration in BDII

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Approach



- **ginfo:** cron job (every hour) queries EMI resource information service and produces json output
- EMIR service publisher reads json and publishes in EMIR server

What is needed? (I)

- Dependencies
 - ginfo
 - Available in EPEL
 - Information System client for GLUE 2
 - Command: yum install ginfo
 - emir-serp
 - Available in EMI
 - EMIR service publisher
 - Command: yum install emir-serp



What is needed? (II)

- Configuration
 - YAIM function available in glite-yaim-bdii
 - config_emir_serp
 - YAIM variables to be defined in site-info.def
 - BDII_EMIR_ENABLE=yes
 - BDII_EMIR_HOST=http://emitbdsr1.cern.ch:9126 (for testing)
 - Make sure BDII is started
 - Run: /opt/glite/yaim/bin/yaim -r -s site-info.def -n node_type -f config_emir_serp



Known Issues

- ginfo
 - Some mandatory attributes expected by EMIR are missing in the json output
 - Fix under development will be soon available in EPEL
- EMIR service publisher
 - Not very robust
 - Service stopped if:
 - EMIR server cannot be contacted
 - Json output contains mistakes



Try a different approach

- Documentation
 - <https://twiki.cern.ch/twiki/bin/view/EMI/SERP>
- No need to use ginfo
 - Create your own json file
 - You can use ginfo to get a template for your service



EMI INFOS-RI-261611

EMIR rollout task status

- Development tracker:
<https://savannah.cern.ch/task/?group=emi-dev>
- 20 tasks “In progress” or “Not started”
- 3 tasks “Done” (BDII top, BDII site and Unicore UVOS)





Thank you

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