

Dateien live einlesen

Bei Logdateien ist es häufig hilfreich, wenn diese konstant eingelesen und dargestellt werden.

Hierfür bietet sich das Tool *tail* an. Angenommen wir haben eine Logdatei */var/log/mysql/abfragen.log*. In diese Logdatei werden alle Abfragen eines MySQL-Servers geschrieben. Wenn nun live im Log gelesen werden soll, welche Abfragen gerade ausgeführt werden, so geht dies mit dem folgenden Befehl.

```
tail -f /var/log/mysql/abfragen.log
```

Wird der Befehl ausgeführt, wird die Datei geöffnet und ans Ende gesprungen. Ab dann werden alle neuen Einträge im Terminal angezeigt.

2024-03-26T06:31:34.749736Z	41	Query	commit
2024-03-26T06:31:34.749954Z	41	Query	begin
2024-03-26T06:31:34.750330Z	41	Query	commit
2024-03-26T06:31:34.781827Z	25	Query	select hostid, key , evaltype, formula, lifetime from items where itemid=102694
2024-03-26T06:31:34.782511Z	25	Query	select item_conditionid, macro, value, operator from item condition where itemid=102694
2024-03-26T06:31:34.783051Z	25	Query	select lld_macro, path from lld_macro_path where itemid=102694
2024-03-26T06:31:34.783650Z	25	Query	begin
2024-03-26T06:31:34.783988Z	25	Query	select lld_overrideid, step, evaltype, formula, stop from lld_override where itemid=102694 order by lld_overrideid
2024-03-26T06:31:34.784581Z	25	Query	commit
2024-03-26T06:31:34.785243Z	25	Query	select i.itemid, i.name, i.key , i.type, i.value_type, i.delay, i.history, i.trends, i.status, i.trapper_hosts, i.units, i.formula, i.logtimefmt, i.valuemapid, i.params, i.ipmi_sensor, i.snmp_oid, i.authtype, i.username, i.password, i.publickey, i.privatekey, i.description, i.interfaceid, i.jmx_endpoint, i.master_itemid, i.timeout, i.url, i.query_fields, i.posts, i.status_codes, i.follow_redirects, i.post_type, i.http_proxy, i.headers, i.retrieve_mode, i.request_method, i.output_format, i.ssl_cert_file, i.ssl_key_file, i.ssl_key_password, i.verify_peer, i.verify_host, i.allow_traps, i.discover from items i, item_discovery id where i.itemid=id.itemid and id.parent_itemid=102694
2024-03-26T06:31:34.786156Z	25	Query	select ip.itemid, ip.step, ip.type, ip.params, ip.error_handler, ip.error_handler_params from item_preproc ip, item_discovery id where ip.itemid=id.itemid and id.parent_itemid=102694
2024-03-26T06:31:34.786856Z	25	Query	select ip.itemid, ip.name, ip.value from item_parameter ip, item_discovery id where ip.itemid=id.itemid and id.parent_itemid=102694
2024-03-26T06:31:34.787383Z	25	Query	select it.itemid, it.tag, it.value from item_tag it, item_discovery id where it.itemid=id.itemid and id.parent_itemid=102694
2024-03-26T06:31:34.788120Z	25	Query	select id.itemid, id.key , id.lastcheck, id.ts_delete, i.name, i.key , i.type, i.value_type, i.delay, i.history, i.trends, i.trapper_hosts, i.units, i.formula, i.logtimefmt, i.valuemapid, i.params, i.ipmi_sensor, i.snmp_oid, i.authtype, i.username, i.password, i.publickey, i.privatekey, i.description, i.interfaceid, i.jmx_endpoint, i.master_itemid, i.timeout, i.url, i.query_fields, i.posts, i.status_codes, i.follow_redirects, i.post_type, i.http_proxy, i.headers, i.retrieve_mode, i.request_method, i.output_format, i.ssl_cert_file, i.ssl_key_file, i.ssl_key_password, i.verify_peer, i.verify_host, id.parent_itemid, i.allow_traps from item_discovery id join items i on id.itemid=i.itemid where id.parent_itemid in (102695, 102696, 102697, 102698)
2024-03-26T06:31:34.788770Z	25	Query	select ip.item_preprocid, ip.itemid, ip.step, ip.type, ip.params, ip.error_handler, ip.error_handler_params from item_discovery id join item_preproc ip on id.itemid=ip.itemid where id.parent_itemid in (102695, 102696, 102697, 102698)
2024-03-26T06:31:34.789256Z	25	Query	select ip.item_preprocid, ip.itemid, ip.name, ip.value from item_discovery id join item_parameter ip on id.itemid=ip.itemid where id.parent_itemid in (102695, 102696, 102697, 102698)
2024-03-26T06:31:34.789677Z	25	Query	select it.itemtagid, it.itemid, it.tag, it.value from item_discovery id join item_tag it on id.itemid=it.itemid where id.parent_itemid in (102695, 102696, 102697, 102698)
2024-03-26T06:31:34.790164Z	25	Query	begin
2024-03-26T06:31:34.790399Z	25	Query	commit
2024-03-26T06:31:34.790488Z	25	Query	begin
2024-03-26T06:31:34.790661Z	25	Query	update item_discovery set lastcheck=1711434694 where itemid in (103947, 103948, 103949, 103950)
2024-03-26T06:31:34.791299Z	25	Query	commit
2024-03-26T06:31:34.794701Z	25	Query	select t.triggerid, t.description, t.expression, t.status, t.type, t.priority, t.comments, t.url, t.recovery_expression, t.recovery_mode, t.correlation_mode, t.correlation_tag, t.manual_close, t.opdata, t.discover, t.event_name from triggers t where t.triggerid in (select distinct tg.triggerid from triggers tg, functions f, items i, item_discovery id where tg.triggerid=f.triggerid and f.itemid=i.itemid and i.itemid=id.itemid and id.parent_itemid=102694)
2024-03-26T06:31:34.795370Z	25	Query	select distinct g.graphid, g.name, g.width, g.height, g.yaxismin, g.yaxismax, g.show_work_period, g.show_triggers, g.graphtype, g.show_legend, g.show_3d, g.percent_left, g.percent_right, g.ymin_type, g.ymin_itemid, g.ymax_type, g.ymax_itemid, g.discover from graphs g, graphs_items gi, items i, item_discovery id where g.graphid=gi.graphid and gi.itemid=i.itemid and i.itemid=id.itemid and id.parent_itemid=102694
2024-03-26T06:31:34.795916Z	25	Query	select h.proxy_hostid, h.ipmi_authtype, h.ipmi_privilege, h.ipmi_username, h.ipmi_password, h.tls_connect, h.tls_accept, h.tls_issuer, h.tls_subject, h.tls_psk_identity, h.tls_psk from hosts h, items i where h.hostid=h.hostid and i.itemid=102694
2024-03-26T06:31:34.796335Z	25	Query	select hi.interfaceid, hi.type, hi.main, hi.useip, hi.ip, hi.dns, hi.port, s.version, s.bulk, s.community, s.securityname, s.securitylevel, s.authpassphrase, s.privpassphrase, s.authprotocol, s.privprotocol, s.contextname from interface hi inner join items i on hi.hostid=i.hostid left join interface_snmp s on hi.interfaceid=s.interfaceid where i.itemid=102694
2024-03-26T06:31:34.796900Z	25	Query	select hm_macro, hm.value, hm.description, hm.type from hostmacro hm, items i where hm.hostid=i.hostid and i.itemid=102694
2024-03-26T06:31:34.797191Z	25	Query	select h.hostid, h.host, h.name, h.status, h.discover, hi.inventory_mode, h.custom_interfaces from hosts h, host_discovery hd left join host_inventory hi on hd.hostid=hi.hostid where h.hostid=hd.hostid and hd.parent_itemid=102694