



Stockholms  
universitet

## GEOCOMPUTATION AND MACHINE LEARNING FOR ENVIRONMENTAL APPLICATIONS, 7,5 hp

### EVENT

**Date:** 06 April 2021, 2.00 PM - 03 June 2021, 4.30 PM

Process	UID	PPID	Mem	Private	Shared	St	Time	Command	
zabbix	0	100M	5136	3932	S	0.0	0.1	8:58.26 /usr/sbin/mysqld	
1512 root	20	0	100M	2912	1832	S	0.0	0.1	44:04.50 /usr/lib/accounts-service/accounts-daemon
24566 mysql	20	0	340M	62160	5200	S	0.0	0.1	44:34.08 /usr/sbin/zabbix_agentd: listener #2 [waiting for connection]
24537 mysql	20	0	1216M	49476	4592	S	0.0	1.5	42:07.33 /usr/sbin/python3 /usr/bin/collectd [idle 1 sec]
1352 root	20	0	1216M	49476	4592	S	0.0	1.2	0:12.97 /usr/sbin/mysqld
1141 root	20	0	340M	62160	5200	S	0.0	1.2	20:49.50 /usr/sbin/mysqld
24553 mysql	20	-10	5720	3504	2424	S	0.0	1.5	7h33:08 /usr/bin/python3 /usr/bin/collectd
9738 root	20	0	1216M	49476	4592	S	0.0	1.2	30:26.23 /sbin/lscsid
1271 zabbix	20	0	21972	2332	2136	S	0.0	0.1	1:34.10 /usr/sbin/mysqld
1269 zabbix	20	0	100M	5136	3932	S	0.0	0.1	1h21:19 /usr/sbin/qemu-ga --daemonize -n virtio-serial -p /lib/virtio-ports/virtio-serial-0
30424 tellusadm	20	0	92912	3308	2276	S	0.0	0.1	43:35.22 /usr/sbin/zabbix_agentd: listener #3 [waiting for connection]
942 root	20	0	29088	2712	2436	S	0.0	0.1	43:58.10 /usr/sbin/zabbix_agentd: listener #1 [waiting for connection]
374 root	20	0	32140	3560	3400	S	0.0	0.1	0:00.02 sshd: tellusadm@pts/0
24549 mysql	20	0	1216M	49476	4592	S	0.0	1.2	1:22.16 /usr/sbin/cron -f
24551 mysql	20	0	1216M	49476	4592	S	0.0	1.2	14:07.51 /lib/systemd/systemd-journald
24545 mysql	20	0	100M	4512	3352	S	0.0	0.1	1:32.39 /usr/sbin/mysqld
1272 zabbix	20	0	250M	3636	2084	S	0.0	0.1	1:33.32 /usr/sbin/mysqld
961 syslog	20	0	37696	5520	528	S	0.0	0.1	1:32.07 /usr/sbin/mysqld
1 root	20	0	100M	712	1320	S	0.0	0.1	16:21.35 /usr/sbin/zabbix_agentd: active checks #0 [idle 1 sec]

Image: Otto Hermelin

### April 6 - June 3, 2021

In this course, students will be introduced to an array of powerful open-source geocomputation tools and machine learning methodologies under Linux environment. Students who have never been exposed to programming under linux are expected to reach the stage where they feel confident in using very advanced open source data processing routines. Students with a precedent programming background will find the course beneficial in enhancing their programming skills for better modelling and coding proficiency. Our dual teaching aim is to equip attendees with powerful tools as well as rendering their abilities of continuing independent development afterwards. The acquired skills will be beneficial, not only for GIS related application, but also for general data processing and applied statistical computing in a number of fields. These essentially lay the foundation for career development as a data scientist.

Information: About Geocomputation . . . (546 Kb)

Course schedule for: Geocomputation . . . 2021 (563 Kb)

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Application deadline: March 7