```
utils::logged obj base
       < Loa >
# loa
# obj log lev
# log msg prefix
+ logged obj base()
+ set log()
+ get log()
+ set obi log lev()
+ get obj log lev()
+ set log msg prefix()
+ get log msg prefix()
+ info()
+ info all()
+ warning()
and 9 more...
```

```
+ lu_sgs()
+ set_operator()
+ apply()
```