

(class accessor called)

cached class exists  
for `self`?

no

generate  
class

initialize  
class

put in  
class cache

yes

return  
class

**inst side**

assert not  
initialized

install outer  
method

**class side**

generate  
class name

mark as  
generated

install  
methods

run class  
initializer

install  
methods

install outer  
method

call all nested  
class accessors

**inst-side nesting**

outer	inner
an A	(an A) B
an A	(an A) B
an A	(an A) B
...	...

**class-side nesting**

outer	inner
A	A B