12 daūm

class animal

type	name	size	idx
int	weight	4	0
*	name	8	4

*(red * next to name row)*

12 daūm → * utils::string*

class string

type	name	size	idx
char*	data	8	0
int	capacity	4	8

16 daūm

class container

type	name	size	idx
animal**	data	8	0
int	capacity	4	8
int	count	4	12

12+1 daūm

class bird

type	name	size	idx
bool	isMigr	1	0

12+4 daūm

class fish

type	name	size	idx
enum	habitat	4	0

12+4 daūm

class beast

type	name	size	idx
enum	diet	4	0

ПП

main (...)

int argc 4 0

char** argv 8 4

container 16 12

---

fill (FILE* in)

FILE* in 8 0

animal* value 8 8

```
read
FILE* in 8 0
char[] type 16 8
char[] name 16 24
```

animal** data

---

fill ( )

animal** data

---

someParametr ( )

int sum 4 0

Heap

type	name	size
animal*	data	8
animal	...	16+

main → fill(...) → heapSort → Out

fill() → heapSort → Out