

## Типы данных

char		1
int		4
double		8
class Rectangle		
x_l_t	int	4 [0]
y_l_t	int	4 [4]
x_r_b	int	4 [8]
y_r_b	int	4 [12]
		16
class Triangle		
x1	int	4 [0]
x2	int	4 [4]
y1	int	4 [8]
y2	int	4 [12]
z1	int	4 [16]
z2	int	4 [20]
		24
class Circle		
x_c	int	4 [0]
y_c	int	4 [4]
r	int	4 [8]
		12
class Random		
first	int	4 [0]
last	int	4 [4]
		8
class Shape		
rnd20	Random	8 [0]
rnd3	Random	8 [8]
rnd7	Random	8 [16]
color	int	4 [24]
		28
class Container		
len	int	4 [0]
storage [10000]	Shape*	80000 [4]
		80004

## Память в программе

void Container::In(FILE *file)		
file	FILE*	8 [0]
k	int	
storage	Shape*	
len	int	
		8
void Container::InRnd(int size)		
size	int	4 [0]
len	int	
storage	Shape*	

			4
void Container::ColorPrint(int n, FILE *file)			
n	int	4 [0]	
file	*FILE	8 [4]	
			12
Shape *Shape::StaticIn(FILE *file, int k)			
file	FILE*	8 [0]	
k	int	4 [8]	
sp	Shape*	8 [12]	
color	int		
			20
Shape *Shape::StaticInRnd()			
k	int	4 [0]	
color	int	4 [4]	
sp	Shape*	8 [8]	
			16

### Схема работы



