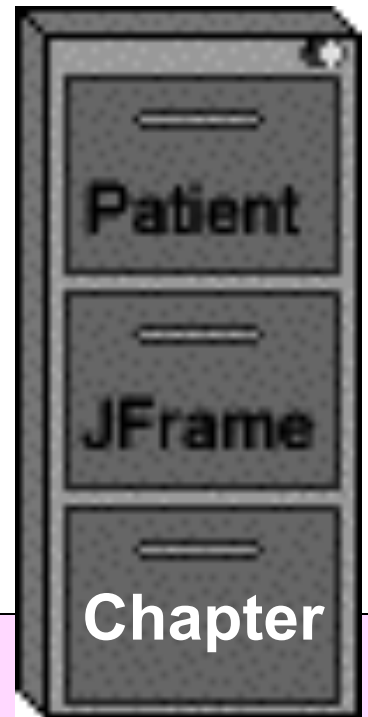


The Chapter file drawer



Class Chapter file drawer

a0

title

“peace”

prev

null

Chapter

number

1

getTitle() ...

a1

title

“truth”

prev

a0

Chapter

number

2

getTitle() ...

The Chapter file drawer

a0

title

“peace”

prev

null

Chapter

number

1

getTitle() ...

isBefore(c) { **return** number < c.number; }

a1

title

“truth”

prev

a0

Chapter

number

2

getTitle() ...

isBefore(c) { **return** number < c.number; }

Class Chapter file drawer

Two functions isBefore

a0

title

“peace”

prev

null

Chapter

number

1

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

```
isBefore(b, c) { return b.number < c.number; }
```

a1

title

“truth”

prev

a0

Chapter

number

2

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

```
isBefore(b, c) { return b.number < c.number; }
```

Class Chapter file drawer

A static function

a0

title "peace"

prev null

Chapter

number

1

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

a1

title "truth"

prev a0

Chapter

number

2

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

```
isBefore(b, c) { return b.number < c.number; }
```

Class Chapter file drawer

Static functions cannot reference components directly

a0

title	“peace”	prev	null	Chapter
number	1	getTitle()	...	

a1

title	“truth”	prev	a0	Chapter
number	2	getTitle()	...	

illegal reference
to number

```
isBefore(c) { return number < c.number; }
```

```
isBefore(b, c) { return b.number < c.number; }
```

Guideline for making a method static

a0

title "peace"

prev null

Chapter

number

1

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

a1

title "truth"

prev a0

Chapter

number

2

getTitle() ...

```
isBefore(c) { return number < c.number; }
```

```
isBefore(b, c) { return b.number < c.number; }
```

Guideline: Make a method static if it does not refer directly to a component of the class.

The class variable

a0

title

“peace”

prev

null

Chapter

number

1

getTitle() ...

isBefore(c) { **return** number < c.number; }

a1

title

“truth”

prev

a0

Chapter

number

2

getTitle() ...

isBefore(c) { **return** number < c.number; }

numberOfChaps

2

isBefore(b, c) { **return** b.number < c.number; }

Guideline: Make a field static when it is used to communicate info about all objects of the class.