

```
class vector { // only for int  
public:
```

```
    size_t size; // data[0, ... size-1] are the contents
```

```
    int* data; // storage for elements
```

```
    size_t capacity; // size of data  
                    // (# of elements)
```

↑  
"class invariant"

```
{  
}
```

```
};
```

---

Copy constructor.

Here's the default version:

