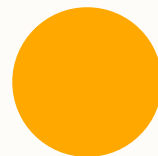




Catch Up From Other --- Section



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Topics

- One more ADT
 - Fairly simple
- More on wildcards
 - When to use them
 - Why?





Set ADT

- Unordered collection
- Does NOT have a get operation
- Very fast get

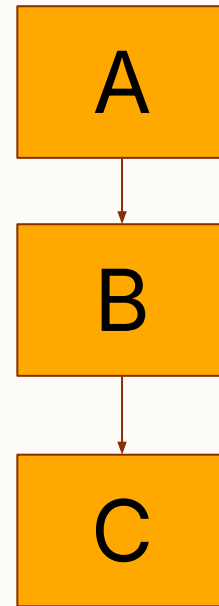
Set ADT
+add(Element)
+ contains(key)
+ clear()
+ get() ??
+ remove(key)





More Wildcards

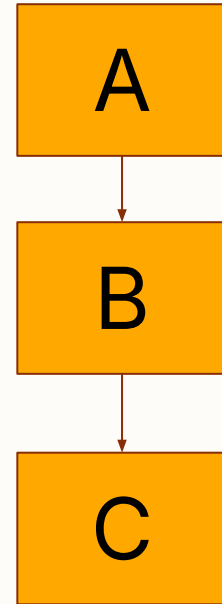
- How does Java check if a method call is valid?
- `foo(A)`
- `foo(B)`
- `foo(C)`



 `public static void foo(B thing)`

More Wildcards

- How does this change if B is generic?
- Is $B<X>$ a sub-type of $B<Y>$





More Wildcards

- How does this change if B is generic?
- Is $B<X>$ a sub-type of $B<Y>$
- No, wildcards fix this

