

# Into and generic argument bound

```
18 ▾ fn distance<A, B>(a: A, b: B) -> Miles where A: Into<Miles>, B: Into<Miles> {  
19     Miles(b.into().0 - a.into().0)  
20 }
```

```
22 ▾ fn main() {  
23     println!("{:?}", distance(Meters(20.0), Miles(3.0)));  
24     println!("{:?}", distance(Miles(2.0), Miles(10.0)));  
25     println!("{:?}", distance(Meters(200.0), Meters(234.0)));  
26 }
```

Miles(2.9875727)

Miles(8)

Miles(0.021126628)

# From

- Mirror of **Into**
- Used as trait function: `From::from(a)`
- Used as constructor function: `Miles::from(a)`
- Implements **Into**: `impl<T, U> Into<U> for T where U: From<T>`