

# Beispiel für zufällige Reihenfolge

```
SELECT DISTINCT vorname  
FROM personen
```

↓

vorname character varying
Albert
Rob
Peter
Frank
Tim
Hans
Peter
Dieter

↔ ↕ ↔ ↔ ↔ ↔ ↔ ↔

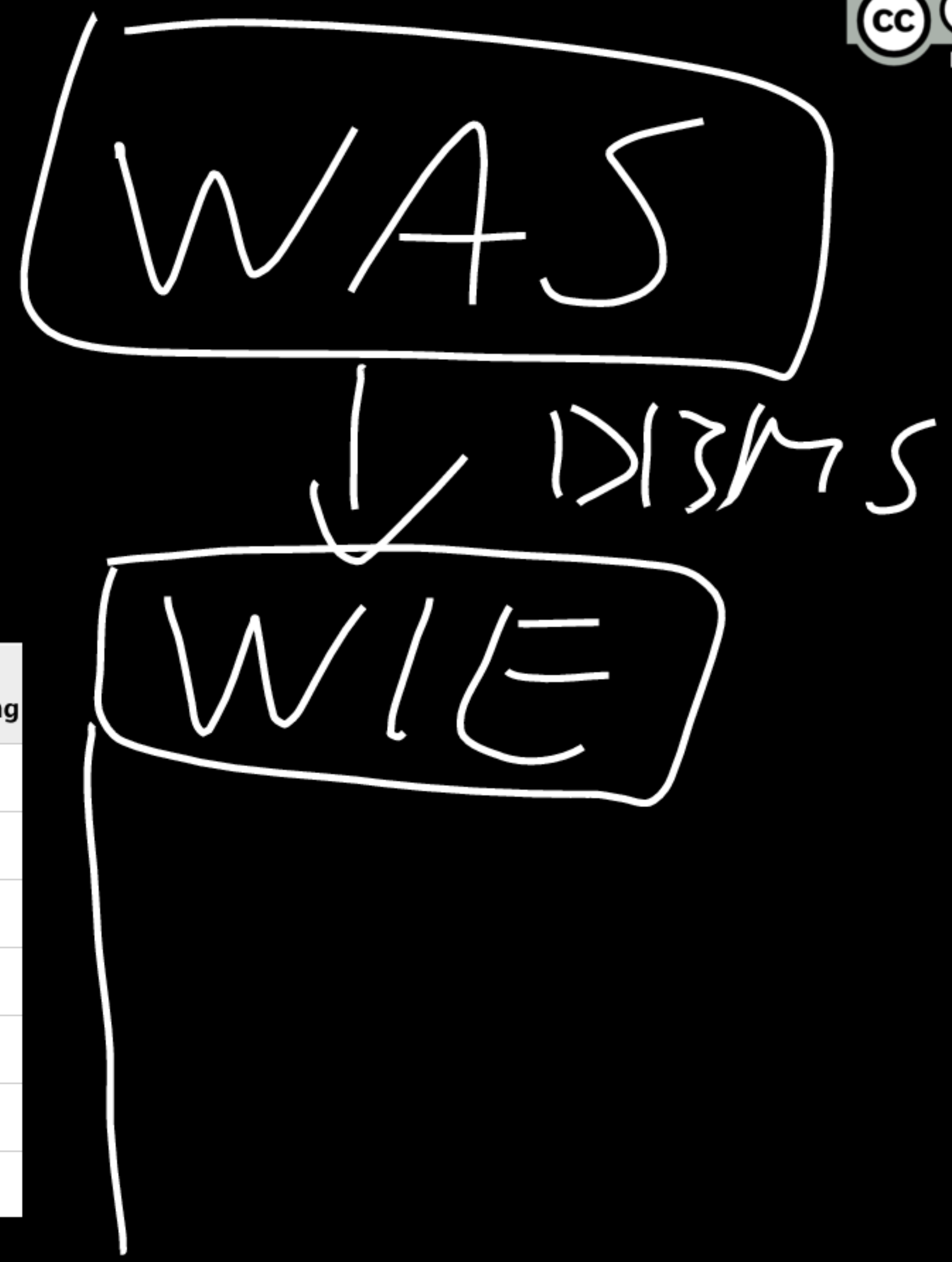
ohne DISTINCT

↓

vorname character varying
Frank
Albert
Peter
Dieter
Rob
Tim
Hans

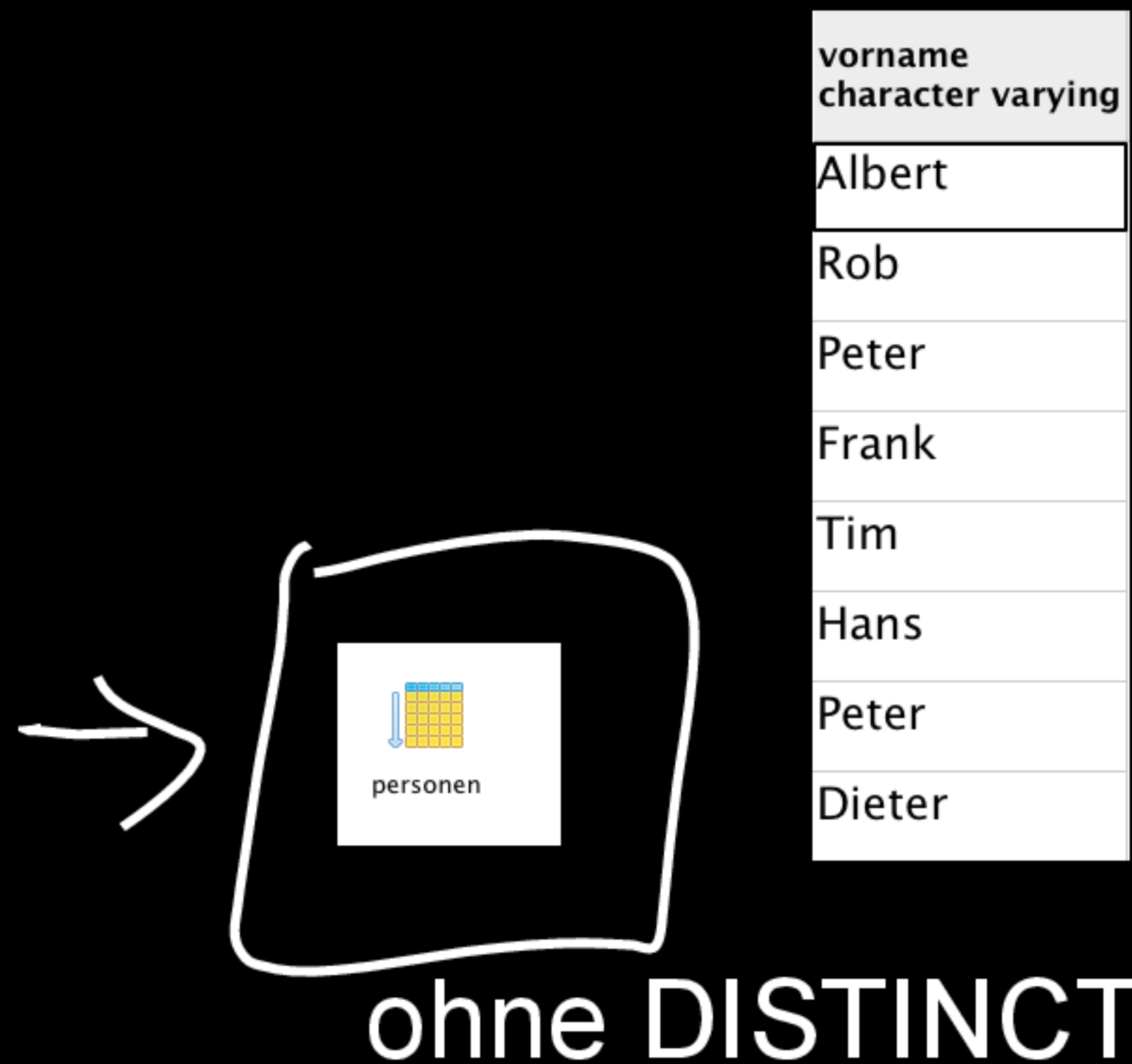
↔ ↕ ↔ ↔ ↔ ↔ ↔ ↔

mit DISTINCT



# Unterschiedliche Algorithmen

**SELECT**     **DISTINCT** vorname  
**FROM**     personen



# ORDER BY

```
SELECT DISTINCT vorname
```

```
FROM personen
```

```
ORDER BY vorname
```

vorname character varying
Albert
Dieter
Frank
Hans
Peter
Peter
Rob
Tim

ohne DISTINCT

vorname character varying
Albert
Dieter
Frank
Hans
Peter
Rob
Tim

mit DISTINCT

# ORDER BY ASC

```
SELECT DISTINCT vorname  
FROM personen  
ORDER BY vorname ASC
```

*Ascending*

vorname character varying
Albert
Dieter
Frank
Hans
Peter
Peter
Rob
Tim

ohne DISTINCT

vorname character varying
Albert
Dieter
Frank
Hans
Peter
Rob
Tim

mit DISTINCT

# ORDER BY DESC

```
SELECT DISTINCT vorname  
FROM personen  
ORDER BY vorname DESC
```

*Descending*

vorname character varying
Tim
Rob
Peter
Peter
Hans
Frank
Dieter
Albert

ohne DISTINCT

vorname character varying
Tim
Rob
Peter
Hans
Frank
Dieter
Albert

mit DISTINCT