

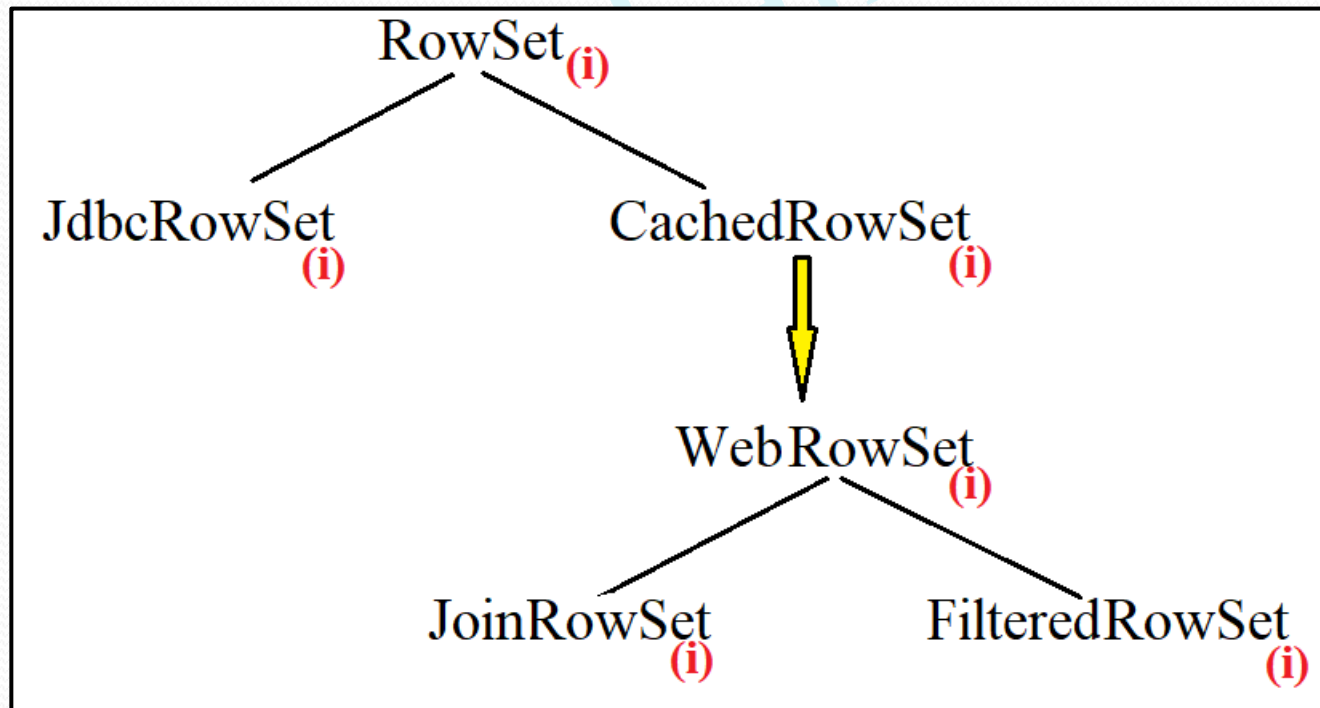


# RowSet Interface

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# Understanding RowSet Interface

- RowSet interface in Java is an enhanced version of the ResultSet interface.
- RowSet can work both while connected and disconnected to the database.
- There are '2' types of RowSets which classified in to '5' types



# Understanding RowSetFactory Interface

- RowSetFactory is an interface that provides a way to create different types of RowSet objects.
- To obtain an instance of RowSetFactory we need to use RowSetProvider class.

```
RowSetFactory rsf = RowSetProvider.newFactory();
```

**rsf** **createJdbcRowSet()**  
**createCachedRowSet()**  
**createWebRowSet()**  
**createFilteredRowSet()**  
**createJoinRowSet()**



## Difference between JdbcRowSet Vs CachedRowSet

Feature	JdbcRowSet	CachedRowSet
Connection with Database	Connected	Disconnected
Data Persistence	Directly interacts with the database	Stores data in memory
Real-Time Updates	Yes	No
Memory Usage	Typically lower	Higher due to in-memory storage