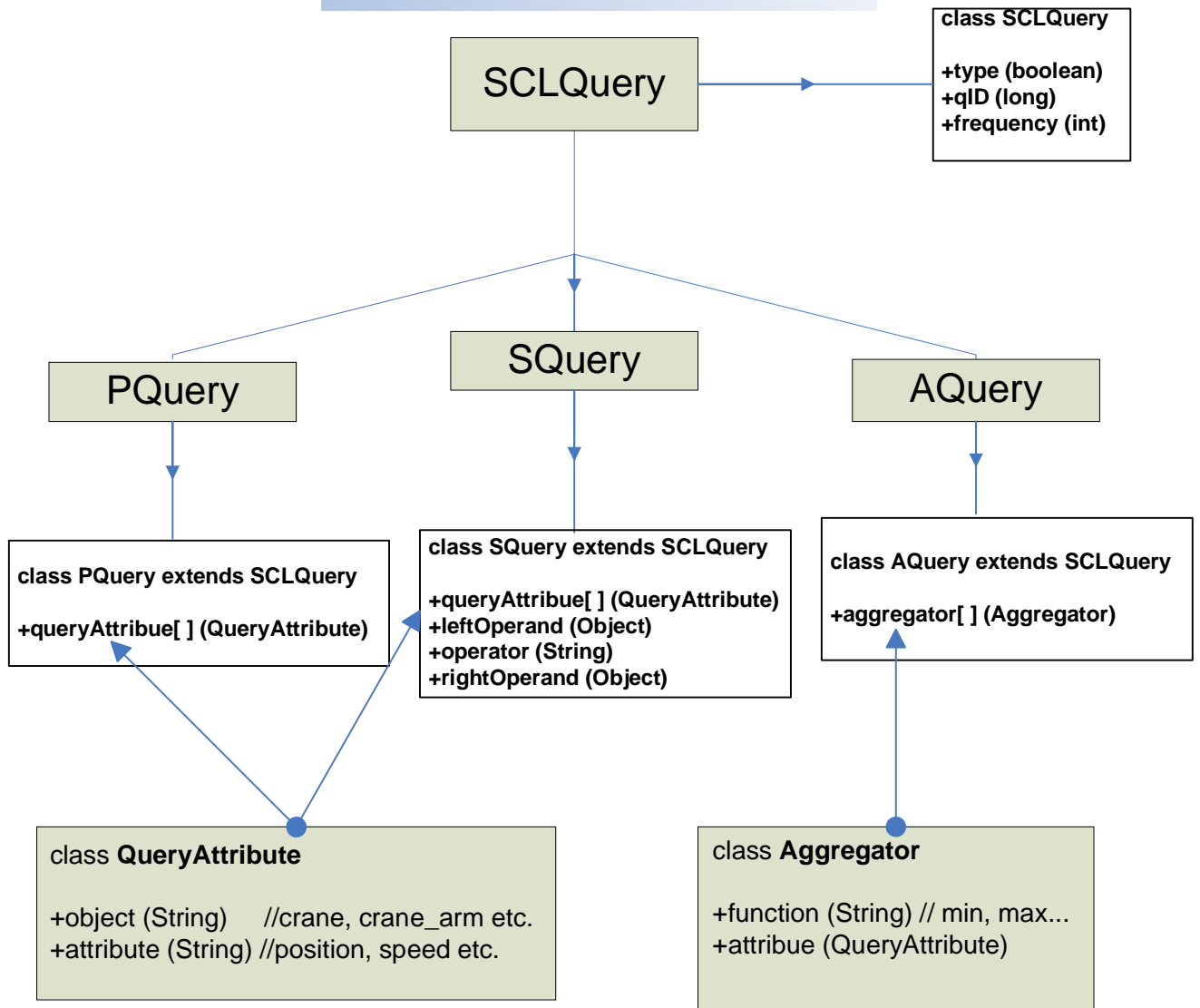


This **SCLQuery** superclass has three subclasses.

- PQuery: Projection query.
- SQuery: Selection query.
- AQuery: Aggregate query.

Properties:

- Type(boolean): If the query is continuous or not.
- QID(long): Unique query ID. Used as buffer pointer.
- Frequency(int): for continuous query.



- **DataBuffer** class stores all the results.
- Properties:
 - Table: A Hashmap that has key queryID and value QueryResult.

```
class DataBuffer
+table
  (HashMap
  key: qID
  value: QueryResult)
```

```
class QueryResult
+resultType [ ] (String)
+result [ ][ ] (Object)
```



DataBuffer

| QID | QueryResult | | |
|-------|-------------|-------|------|
| 1234 | | | ... |
| | | | ... |