



# Certified Hyperledger Developer

Project Query file

# How to make queries?

- We have defined our queries in a single query file called (queries.qry) within the business network definition of the project.
- The native query language filter results returned using criteria and can be invoked in transactions to perform operations, such as updating or removing points on result sets.
- Queries contain a WHERE clause, which defines the criteria by which participants or points are selected in our project.

# Queries



- Here we have defined these 4 queries for participants of the model:
  - To select all members
  - To select all partners
  - To select all points earned transactions
  - To select all points used transactions

# Query#1



- To select all members

```
query selectMembers {  
  
  description: "Select all members"  
  
  statement:  
  
    SELECT org.clp.biznet.Member  
  
}
```

# Query#2



- To select all partners

```
query selectPartners {  
  
    description: "Select all partners"  
  
    statement:  
  
    SELECT org.clp.biznet.Partner  
  
}
```

# Query#3



- To select all points earned transactions

```
query selectEarnPoints {  
  description: "Select all points earned transactions"  
  
  statement:  
  
    SELECT org.clp.biznet.EarnPoints  
  
}
```

# Query#4



- To select all points used transactions

```
query selectUsePoints {  
  description: "Select all points earned transactions"  
  statement:  
  
    SELECT org.clp.biznet.UsePoints  
  
}
```



# THANK YOU!

Any questions?  
You can mail us at  
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