

DiscreteDomain

```
classDiagram
    class DiscreteDomain {
    }
    class GQCP_RMullikenDomain["GQCP::RMullikenDomain<_Scalar>"] {
        +partitionMatrix()
        +projectionMatrix()
    }
    DiscreteDomain <|-- GQCP_RMullikenDomain
```

The diagram illustrates a class hierarchy. At the top is the 'DiscreteDomain' class, represented by a white box with a black border and two empty internal compartments. Below it is the 'GQCP::RMullikenDomain' class, represented by a grey box with a black border and three compartments. The top compartment of the grey box contains the text 'GQCP::RMullikenDomain' and '<_Scalar>'. The bottom compartment contains two method signatures: '+ partitionMatrix()' and '+ projectionMatrix()'. A blue arrow points from the top of the grey box to the bottom of the white box, indicating that 'GQCP::RMullikenDomain' inherits from 'DiscreteDomain'.

GQCP::RMullikenDomain
<_Scalar>

+ partitionMatrix()
+ projectionMatrix()