

DiscreteDomain

```
classDiagram
    class DiscreteDomain
    class GQCP_U MullikenDomainComponent {
        + partitionMatrix()
        + projectionMatrix()
    }
    DiscreteDomain <|-- GQCP_U MullikenDomainComponent
```

The diagram shows a class hierarchy. At the top is a box for 'DiscreteDomain' with three empty compartments. Below it is a box for 'GQCP::UMullikenDomainComponent' with three compartments. The top compartment contains the class name and a template parameter '<_Scalar>'. The bottom compartment contains two public methods: '+ partitionMatrix()' and '+ projectionMatrix()'. A blue arrow with an open triangle head points from the top of the 'GQCP::UMullikenDomainComponent' box to the bottom of the 'DiscreteDomain' box, indicating inheritance.

GQCP::UMullikenDomainComponent
<_Scalar>

+ partitionMatrix()
+ projectionMatrix()