```
┌─────────────────────────┐    ┌─────────────────────────┐    ┌─────────────────────────┐
│  GQCP::CRTP< _FinalSpinor│    │  GQCP::BasisTransformable│    │  GQCP::JacobiRotatable  │
│         Basis >          │    │   < _FinalSpinorBasis >  │    │   < _FinalSpinorBasis > │
├─────────────────────────┤    ├─────────────────────────┤    ├─────────────────────────┤
│                         │    │                         │    │                         │
├─────────────────────────┤    ├─────────────────────────┤    ├─────────────────────────┤
│ + derived()             │    │ + transformed()         │    │ + rotated()             │
│ + derived()             │    │ + transform()           │    │ + rotate()              │
│                         │    │ + rotated()             │    │                         │
│                         │    │ + rotate()              │    │                         │
└─────────────────────────┘    └─────────────────────────┘    └─────────────────────────┘
```

GQCP::SimpleSpinorBasis
< _ExpansionScalar, _FinalSpinor
Basis >

\# C

+ SimpleSpinorBasis()
+ expansion()
+ simpleDimension()
+ overlap()
+ isOrthonormal()
+ lowdinOrthonormalization()
+ lowdinOrthonormalize()
+ transformed()
+ rotated()

GQCP::SimpleSpinOrbitalBasis
< _ExpansionScalar, _Shell,
RSpinOrbitalBasis< _ExpansionScalar,
_Shell > >

\# scalar_basis

+ SimpleSpinOrbitalBasis()
+ SimpleSpinOrbitalBasis()
+ SimpleSpinOrbitalBasis()
+ SimpleSpinOrbitalBasis()
+ SimpleSpinOrbitalBasis()
+ scalarBasis()

GQCP::RSpinOrbitalBasis
< _ExpansionScalar, _Shell >

+ numberOfSpatialOrbitals()
+ numberOfSpinors()
+ numberOfSpinOrbitals()
+ quantize()
+ quantize()
+ quantize()
+ quantize()
+ quantize()
+ quantize()
+ quantize()
and 10 more...