

selection::SelectionToolBase

```
classDiagram
    class SelectionToolBase["selection::SelectionToolBase"]
    class CC0piNpSelection["selection::CC0piNpSelection"]
    class CCincSelection["selection::CCincSelection"]
    class CRTApproachSelection["selection::CRTApproachSelection"]
    class EmptySelection["selection::EmptySelection"]
    class NuMuSelection["selection::NuMuSelection"]
    class Pi0Selection["selection::Pi0Selection"]
    class SelectionExample["selection::SelectionExample"]
    class ShowerSelection["selection::ShowerSelection"]

    SelectionToolBase <|-- CC0piNpSelection
    SelectionToolBase <|-- CCincSelection
    SelectionToolBase <|-- CRTApproachSelection
    SelectionToolBase <|-- EmptySelection
    SelectionToolBase <|-- NuMuSelection
    SelectionToolBase <|-- Pi0Selection
    SelectionToolBase <|-- SelectionExample
    SelectionToolBase <|-- ShowerSelection
```

A UML class diagram illustrating inheritance. At the top left is the base class `selection::SelectionToolBase`. To its right, there are eight derived classes: `selection::CC0piNpSelection`, `selection::CCincSelection`, `selection::CRTApproachSelection`, `selection::EmptySelection`, `selection::NuMuSelection`, `selection::Pi0Selection`, `selection::SelectionExample`, and `selection::ShowerSelection`. A vertical line with an upward-pointing arrow at the top connects the base class to the derived classes, indicating inheritance.

selection::CC0piNpSelection

selection::CCincSelection

selection::CRTApproachSelection

selection::EmptySelection

selection::NuMuSelection

selection::Pi0Selection

selection::SelectionExample

selection::ShowerSelection