```
smacc::ISmaccClient
# stateMachine
# components
+ ISmaccClient()
+ ~ISmaccClient()
+ initialize()
+ setStateMachine()
+ getName()
+ postEvent()
+ postEvent()
+ getComponent()
+ createComponent()
configureEventSourceTypes()
 smacc::ISmaccActionClient
 # name
 + ISmaccActionClient()
 + ~ISmaccActionClient()
 + getNamespace()
 + cancelGoal()
 + getState()
                  smacc::SmaccActionClient
                        Base < ActionType >
                   + name
                   + onSucceeded_
                   + onAborted
                   + onPreempted_
                   + onRejected
                   + postSuccessEvent
                   + postAbortedEvent
                   + postPreemptedEvent
                   + postRejectedEvent
                   + postFeedbackEvent
                   + done_cb
                   + active_cb
                   + feedback cb
                   # client_
                   + ACTION DEFINITION()
                   + SmaccActionClientBase()
                   + ~SmaccActionClientBase()
                   + initialize()
                   + postResultEvent()
                   + configureEventSourceTypes()
                   + onSucceeded()
                   + onSucceeded()
                   + onAborted()
                   + onAborted()
                   + onPreempted()
                   + onPreempted()
                   + onRejected()
                   + onRejected()
                   + cancelGoal()
                   + getState()
                   + sendGoal()
                   + getEventLabel()
                   # onFeedback()
                   # onResult()
                           < smacc_action_client
                           generic::ToolControlAction >
    smacc::SmaccActionClient
    Base < smacc action client
      generic::ToolControlAction >
    + name
    + onSucceeded
    + onAborted
    + onPreempted_
    + onRejected
    + postSuccessEvent
    + postAbortedEvent
    + postPreemptedEvent
    + postRejectedEvent
    + postFeedbackEvent
    + done cb
    + active cb
    + feedback_cb
```

```
# client
+ ACTION_DEFINITION()
+ SmaccActionClientBase()
+ ~SmaccActionClientBase()
+ initialize()
+ postResultEvent()
+ configureEventSourceTypes()
+ onSucceeded()
+ onSucceeded()
+ onAborted()
+ onAborted()
+ onPreempted()
+ onPreempted()
+ onRejected()
+ onRejected()
+ cancelGoal()
+ getState()
+ sendGoal()
+ getEventLabel()
# onFeedback()
# onResult()
```

smacc::SmaccToolActionClient

- + SmaccToolActionClient() + getName()

+ ~SmaccToolActionClient()

+ ACTION_DEFINITION()