

**marshal**

```
entry /
archer.scribble("halt horse")
archer.scribble("identify next marshal point")
archer.scribble("field wrap wounds on self and horse")
archer.scribble("drink water")
archer.arrows = HorseArcher.MAXIMUM_ARROW_CAPACITY
chart.post_fifo(
    Event(signal=signals.READY),
    times=1,
    period=archer.to_time(60),
    deferred=True)
```

Ready

**waiting\_to\_advance**

```
entry /
archer.yell(Event(
    signal=signals.Other_Ready_War_Cry,
    payload=archer.name))

ready = True
archer.snoop_scribble("{} has {} arrows". \
    format(archer.name, archer.arrows)
time_to_wait = random.randint(130,300)

for name, other in archer.others.items():
    if other.dead() is not True:
        ready &= other.waiting()
    else:
        archer.snoop_scribble(
            "{} thinks {} is dead". \
            format(archer.name, name)
if ready is False:
    archer.snoop_scribble(
        "{} is impatient he will attack in {} seconds". \
        format(archer.name, time_to_wait)
    archer.post_fifo(
        Event(
            signal=signals.Advance_War_Cry),
        times=1,
        period=random.randint(time_to_wait),
        deferred=True)
else:
    archer.snoop_scribble(
        "{} thinks unit is ready to attack". \
        format(archer.name))
    archer.post_fifo(
        Event(signal=signals.Advance_War_Cry))

exit /
archer.cancel_events(
    Event(signal=signals.Advance_War_Cry))
```

«state pattern»  
Multichart Pend

# Outer state hook:  
Other\_Ready\_War\_Cry  
archer.dispatch\_to\_empathy(e)