

```
In [1]: package StateImageSubsystem {
    attribute def IStartSignal;
    attribute def IOnSignal;
    attribute def IOFFSignal;
    part def HAP;
    action initialize { in hap : HAP; }
    action captureImages { in hap : HAP; }
    action recordData { in hap : HAP; }
    // action compositing { in hap : HAP; }
    state def ImageSystemStates{in imagescanninghap : HAP;}
    state imagesystemstates : ImageSystemStates {
        in imagescanninghap : HAP;
        entry; then off;
        state off;
        transition off_to_starting
            first off
            accept IStartSignal
            then starting;
        state starting;
        transition starting_to_on
            first starting
            accept IOnSignal
            then on;
        state on{
            entry action initialize {
            /* Initialize camera system */
            }
            do action captureImages {
            /* Continuous image capture */
            }
            //accept EnvironmentalChange then recording;

            exit action recordData{
            /* Record environmental data */
            }
        }
        transition on_to_off
            first on
    }
}
```

```
        accept IOFFSignal  
        then off;  
    }  
}
```

Out[1]: Package StateImageSubsystem (c048d73b-a52d-4e3e-bf58-5f45c6960cb6)

In []: