

Example: Readers-Writers:Weak Reader's preference using CCRs

Shared:

```
struct {  
    int NumReaders,NumWriters;  
} ReadWrite;
```

```
struct {  
    bool writer;  
} Queue;
```

Reader:

```
    .  
    .  
region Queue when !writer  
  
region ReadWrite when NumWriters==0 do  
    NumReaders+=1;  
    Read();  
region ReadWrite do  
    NumReaders-=1;  
    .  
    .
```

Writer:

```
    .  
    .  
region Queue when !writer  
    writer=true  
  
region ReadWrite when NumReaders==0 && NumWriters==0 do  
    NW+=1;  
    Write();  
region ReadWrite do  
    NumWriters-=1;  
  
region Queue  
    writer=false  
    .
```