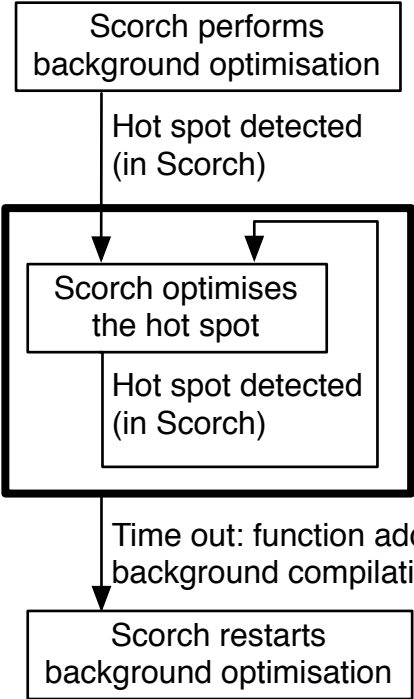


Scorch performs
background optimisation



```
graph TD; A[Scorch performs background optimisation] --> B[Hot spot detected (in Scorch)]; B --> C[Scorch optimises the hot spot]; C --> D[Hot spot detected (in Scorch)]; D --> C; C --> E[Time out: function added to the background compilation queue]; E --> F[Scorch restarts background optimisation];
```

Hot spot detected
(in Scorch)

Scorch optimises
the hot spot

Hot spot detected
(in Scorch)

Time out: function added to the
background compilation queue

Scorch restarts
background optimisation