??
fog
node
fog
node
edge
de-
vices
??
fog
nodes
??
??
Re-
source
Map-
ping
??
??
??
(CoRE)
Link
For-
mat
/.well-
known/core
/.well-
known/core
??
??
??
??
func-
tion
$Police(ip, resources)$
if
$exists(ip)$
$update(ip, resources);$
else
$insert(ip, resources);$

```
    Fog = {
        string ip;
        string resources[];
    }
    Fog fogs[];
    string myResources[];
```

??

```
    fogs = [
        {
            ip: '192.168.0.1',
            resources: [ 'ED1' ]
        },
        {
            ip: '192.168.0.3',
            resources: [ ]
        },
        {
            ip: '192.168.0.4',
            resources: [ 'ED1' ]
        },
        {
            ip: '192.168.0.5',
            resources: [ 'ED1', 'ED2' ]
        }
    ];
    myResources = [ 'ED1', 'ED2', 'ED3' ];
```

keep
alive
Fog
is-
Re-
ply-
ing-
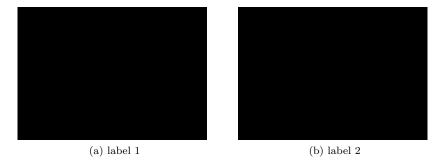*KeepAlive*
poca
epoch

```
    Fog = {
        string ip;
```

(a) label 1 (b) label 2

Figure 1: 2 Figures side by side