


```
let nodes = /* pairs (node, bool) */;  
let edges = /* pairs (node, node) */;
```

```
for t in times {  
    nodes.insert(..); nodes.remove(..);  
    edges.insert(..); edges.remove(..);  
}
```

```
nodes.join(edges)           // one hop neighbors
      .concat(nodes)        // plus original nodes
      .distinct()           // extended neighborhood
```

```
let nodes = /* pairs (node, bool) */;  
let edges = /* pairs (node, node) */;  
  
nodes.iterate(|reach| {  
    nodes.join(edges)           // one hop neighbors  
        .concat(nodes)         // plus original nodes  
        .distinct()            // extended neighborhood  
});  
  
for t in times {  
    nodes.insert(..); nodes.remove(..);  
    edges.insert(..); edges.remove(..);  
}
```

```
let nodes = /* pairs (node, bool) */;  
let edges = /* pairs (node, node) */;  
  
    nodes.join(edges)           // one hop neighbors  
        .concat(nodes)         // plus original nodes  
        .distinct()            // extended neighborhood  
  
for t in times {  
    nodes.insert(..); nodes.remove(..);  
    edges.insert(..); edges.remove(..);  
}
```