

fixing getStats

object and maplike

Issue 1: Returning a base dictionary returns just that

webrtc:

```
interface RTCStatsReport = { getter RTCStats (DOMString id); };
```

js:

```
pc.getStats().then(report => {  
  Object.keys(report).forEach(key => {  
    var stat = report[key];  
    if (stat.type !== "candidatepair") continue;  
  
    console.log(stat.timestamp); // 1441898883269.8672  
    console.log(stat.priority); // undefined  
    console.log(report[stat.localIceCandidateId].ipAddress); // error  
  }  
}
```

Issue 1: Solutions

webidl:

```
- interface RTCStatsReport = { getter RTCStats (DOMString id); };  
+ interface RTCStatsReport = { getter object (DOMString id); };
```

or

```
- interface RTCStatsReport = { getter RTCStats (DOMString id); };  
+ interface RTCStatsReport = { getter AllRTCStats (DOMString id); };
```

where AllRTCStats would use a new WebIDL feature requested for this *

```
typedef AllRTCStats = (RTCStats || RTCIceCandidateStats); // etc.
```

*) <https://github.com/heyecam/webidl/issues/57>

Issue 2: getter is legacy tech. Use ES6 maplike:

webidl:

```
interface RTCStatsReport = { readonly maplike<DOMString, AllRTCStats>; };
```

js:

```
pc.getStats().then(report => {  
  report.forEach(stat => {  
    if (stat.type !== "candidatepair") continue;  
  
    console.log(stat.timestamp); // 1441898883269.8672  
    console.log(stat.priority); // 7996986662803866000  
    console.log(report.get(stat.localIceCandidateId).ipAddress); //192.168.1.1  
  }  
}
```