

## 6.2.6 – Extend Gateway: Gateway Channel

You can create multiple gateway channels to create a communication layer between client browser and the gateway:

```
var gvc = new r.GatewayChannel();
gvc.name = "gwc";
gvc.process = function(buffer){
    console.log(buffer.getByte());
    console.log(buffer.getLittleEndian16());
};
gvc.onopen = function(){
    var data = new Array(7);
    var rb = new RdpBuffer(data, 0, 7);
    rb.setByte(3);
    rb.setLittleEndian16(45);
    rb.setLittleEndian32(678);
    rb.markEnd();
    gvc.send(rb);
};
r.addGatewayChannel(gvc);
```

On gateway side, you class must extend `com.toremote.gateway.plugin.AbstractGatewayChannel` and register it with the same name using `HandlerManager.registerChannel()`. Please check the plugin example for more information.

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