Chrome 开发心得

重点一：content.js 与 background.js 建立链接

短连接（一次性连接）

contentscript.js 发起消息

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```
chrome.extension.sendRequest({greeting:"hello"},function(response){
    console.log(response.farewell);
})
```

background.js 发起消息

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```
Chrome.tabs.getSelected(null,function(tab)){
   Chrome.tabs.sendRequest(tab.id,{greeting:"hello"},function(response){
       Console.log(response.farewell);
   })
}
```

接收消息，content.js 与 background.js 都是一样的，这个请求会一直保留直到你做出了回应:

```
Chrome.extension.onRequest.addListener(
    function(request,sender,sendResponse){
        console.log(sender.tab ?
            "from a content script" +sender.tab.url:
            "from the extension"
    );
    If(request.greeting=="hello"){
      sendResponse({farewell:'goodbye'});
    }else{
      sendResponse({});
    }
}
);
```

长时间连接：

content.js

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```
var port =chrome.extension.connect({name:"knockknock"});
port.postMessage({joke:"Knock knock"});
port.onMessage.addListener(function(msg){
   if(msg.question=="Who's there?"){
      port.postMessage({answer:"Madame"});
   }else if(msg.question== "madame who?"){
```

```
        Port.postMessage({answer:"Bovary"});
      }
    });
    Background.js 做监听
    Chrome.extension.onConnect.addListener(function(port)){
      Console.assert(port.name == "knockknock");
      Port.onMessage.addListener(function(msg)){
        If(msg.joke=="Knock knock"){
          Port.postMessage({question:"who's there?}):
        }else if(msg.answer=="madame"){
          Port.postMessage({question:"madame who?"});
        }else if(msg.answer=="madame.."){
          Port.postMessage({question:"I don't get it});
        }
      });
    });
```

扩展之间的消息传递
```
// simple requests
Chrome.extension.onRequestExternal.addListener(function(request,sender,sendResponse){
    If(sender.id==blacklistedExtension){
      sendResponse({});
    }else if(request.getTargetData){
      sendResponse({{targetData:targetData}});
    }else if(request.activatelasers){
      Var success = activateLasers();
      sendResponse({activateLasers:success});
    }
});
//for long connections
Chrome.extension.onConnectExternal.addListerner(function(port)){
    Port.onMessage.addListener(function(msg){
      //see other examples for sample onMessage handlers.
    });
});
```

重点二：

清除浏览器的一切缓存消息
```
Chrome.browsingData.remove({"since":0},{
```

```
            "appcache":true,
            "cache":true,
            "cookies":true,
            "downloads":true,
            "fileSystems":true,
            "formData" :true,
            "history":true,
            "indexedDB":true,
            "localStorage":true,
            "serverBoundCertificates":true,
            "pluginData":true,
            "passwords":true,
            "webSQL":true
    },function(){});
```