Факультатив ФКН

РАЗРАБОТКА МОБИЛЬНЫХ ПРИЛОЖЕНИЙ НА БАЗЕ ПЛАТФОРМЫ

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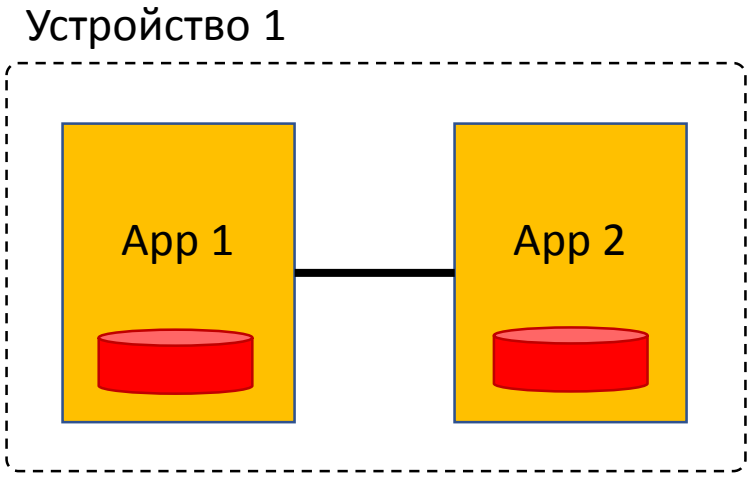
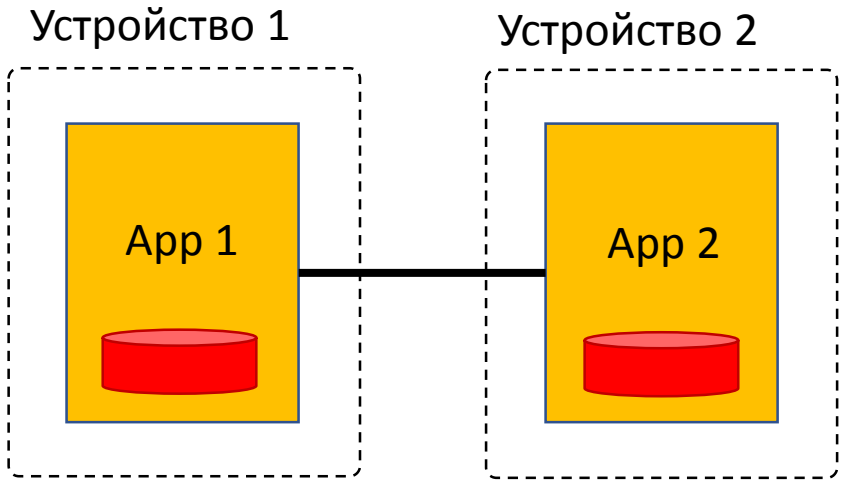
Москва, 2017

Передача данных между приложениями





Message Port

Data Control

Bluetooth

IoT Connectivity (internet)

NFC

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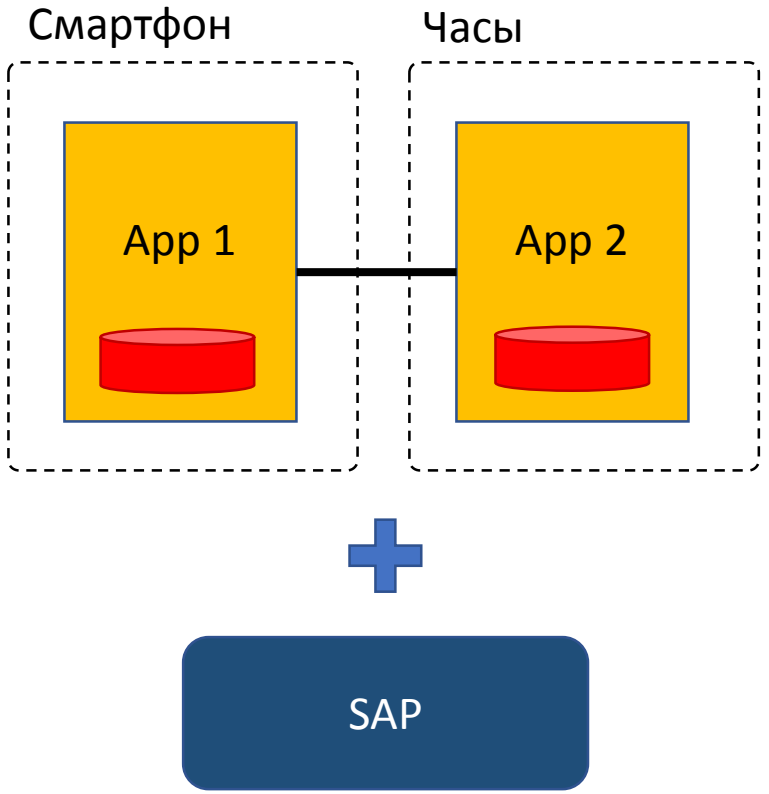


Передача данных между приложениями

- Contents Downloads
- HTML5 Web Messaging
- WebSocket
- XMLHttpRequest
- Server-Sent Events

API приложения

Message Port

https://developer.tizen.org/development/guides/web-application/application-management/application-data-exchange/message-port

https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/messageport.html

Data Control

https://developer.tizen.org/development/guides/web-application/application-management/application-data-exchange/data-control

https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/datacontrol.html

Icons

http://www.flaticon.com/

API приложения

Bluetooth

https://developer.tizen.org/development/guides/web-application/connectivity-and-wireless/bluetooth

https://developer.tizen.org/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/bluetooth.html

IoT Connectivity (internet)

https://developer.tizen.org/development/guides/web-application/connectivity-and-wireless/iot-connectivity

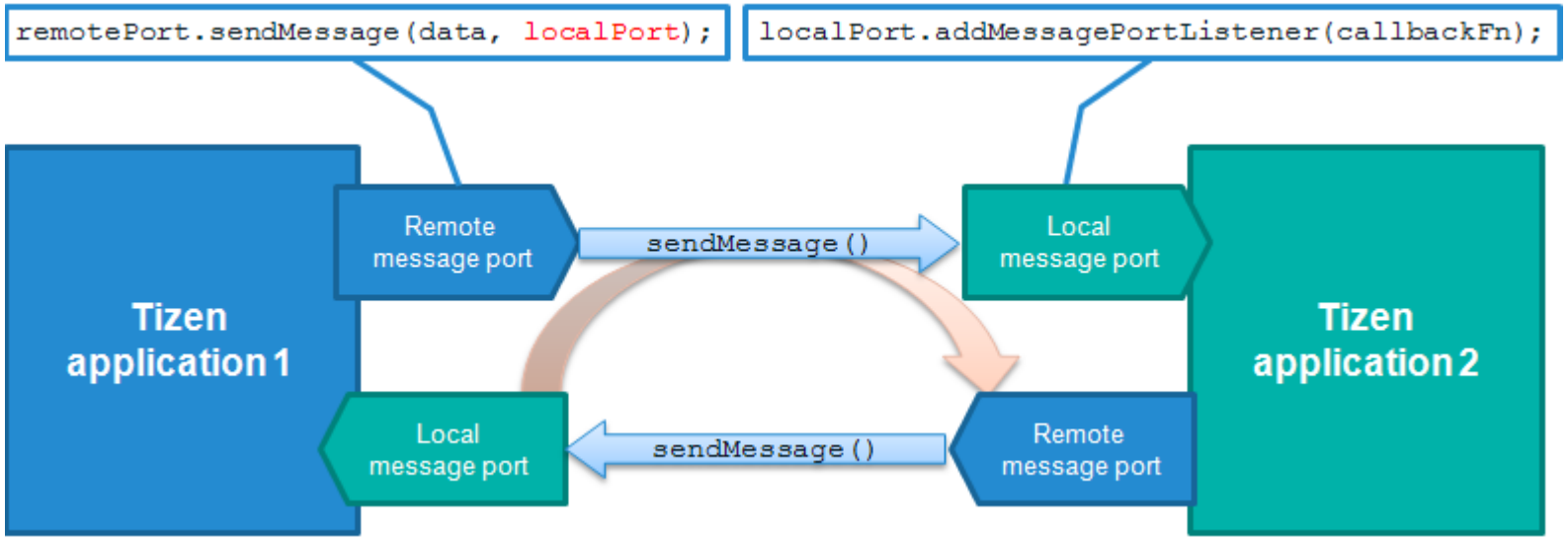
https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/iotcon.html

NFC

https://developer.tizen.org/development/guides/web-application/connectivity-and-wireless/nfc

https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/nfc.html

Передача данных между приложениями



https://developer.tizen.org/development/guides/web-application/application-management/application-data-exchange/message-port

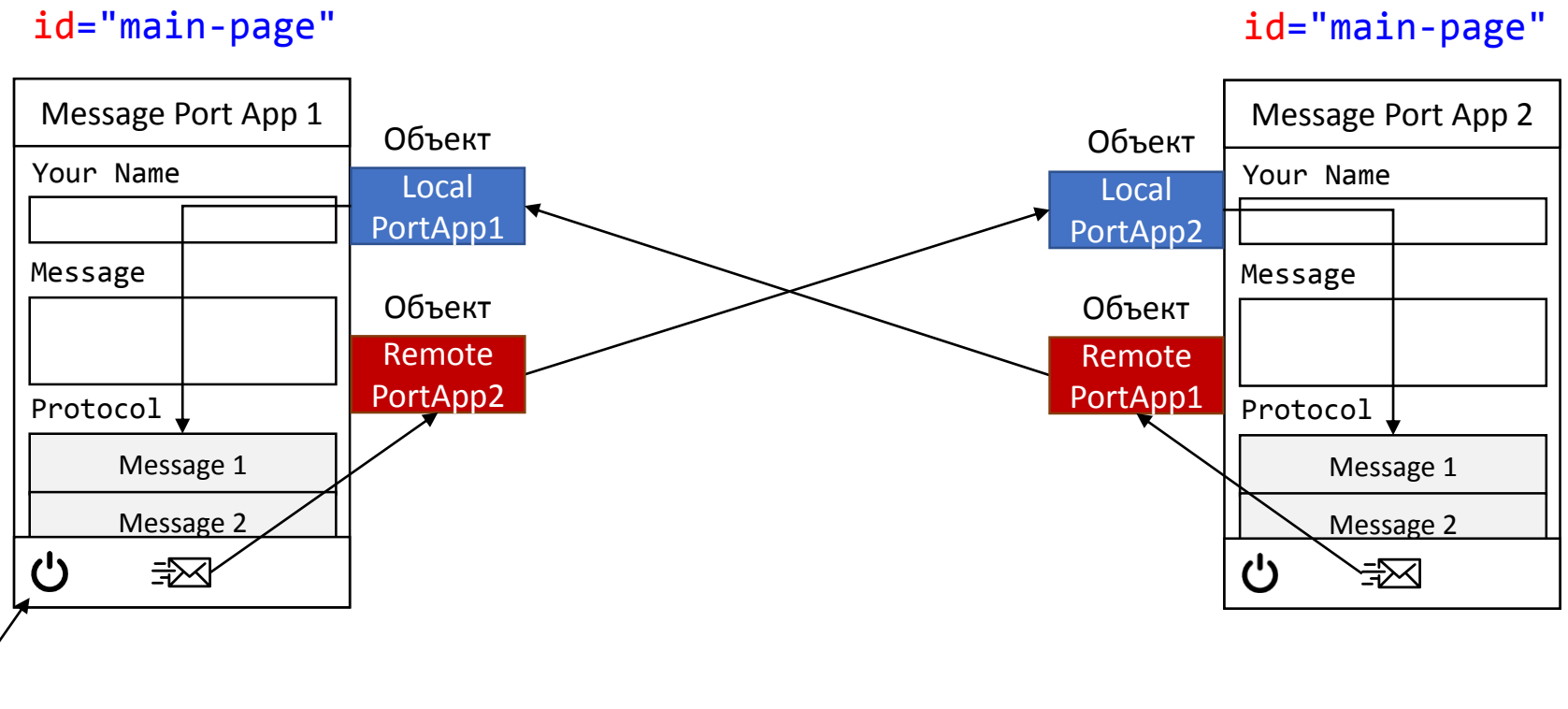
Страницы приложения

MessagePortMAppFirst

```
application id="ZSdvscNQTg.MessagePortMApp"
```

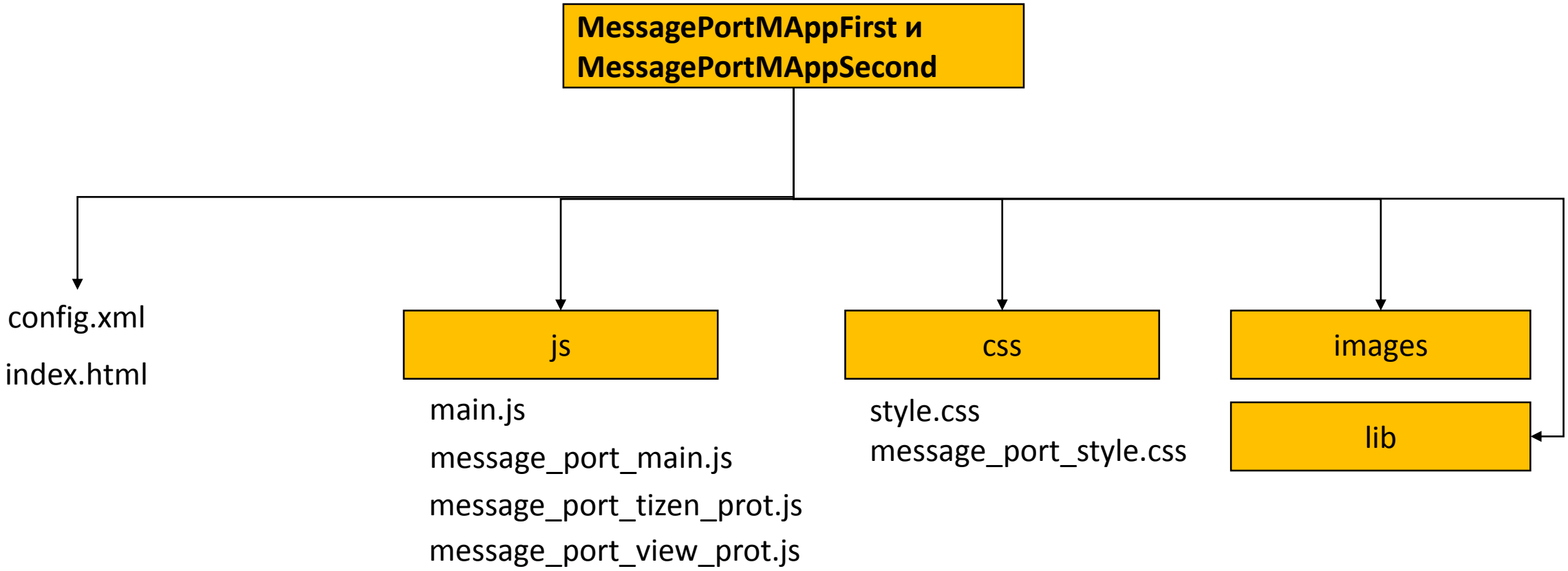
MessagePortMAppSecond

```
application id="ZSdvscNQTf.MessagePortMApp"
```

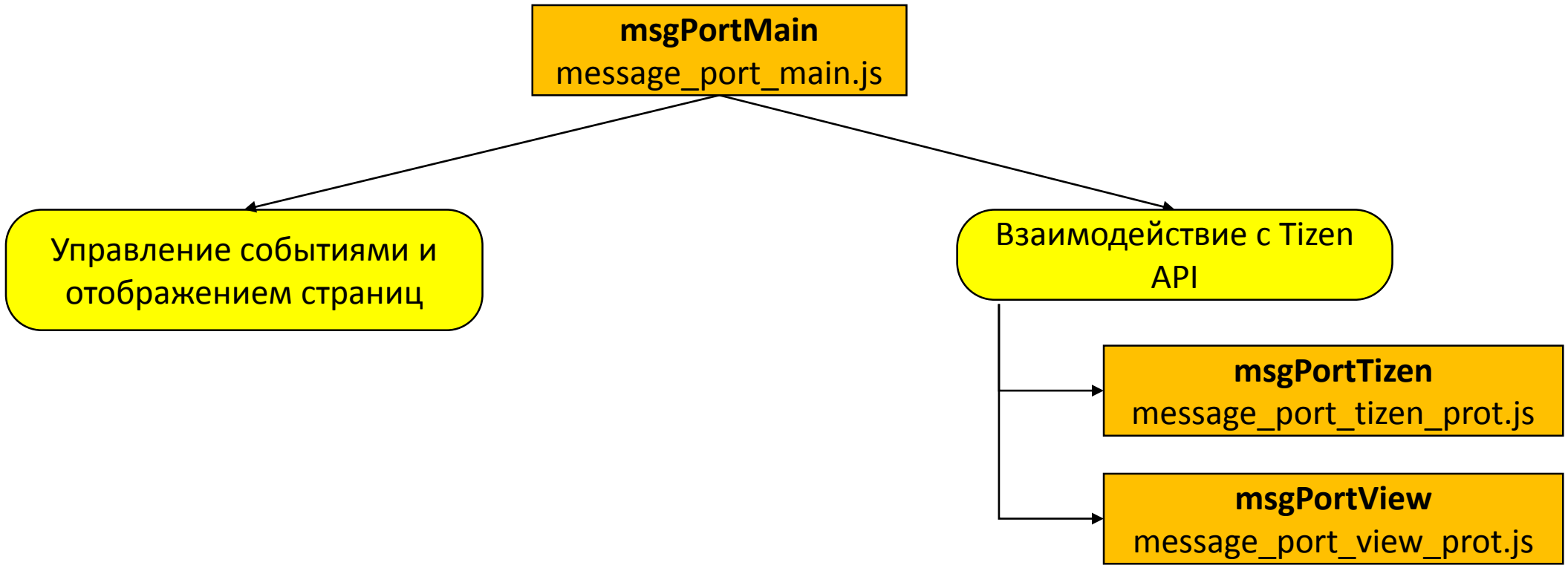


Инициализация удаленного порта

Структура приложения



Логическая структура javascript-файлов



Инициализация удаленного порта

message_port_main.js | message_port_tizen_prot.js | message_port_view_prot.js

```
initMessageRemotePort()
```

```
"PortApp2", "ZSdvscNQTf.MessagePortMApp"
```

→

```
initRemotePort(
    remoteMessagePortName,
    remoteAppicationId)

this.remotePort =  tizen.messageport.requestRemoteMessagePort(
                        this.remoteAppId,
                        this.remotePortName);
```

Отправка сообщений

message_port_main.js | message_port_tizen_prot.js | message_port_view_prot.js

sendMessage()

nameFrom, message →

```
sendMessage(from, message)

var messageData = [{ key: "from", value: from },
                   { key: "message", value: message},
                   { key: "date", value: new Date() }];


this.remotePort.sendMessage(messageData, this.localPort);
```

Получение сообщений

message_port_main.js | message_port_tizen_prot.js | message_port_view_prot.js

```
msgPortMain.init()
```

```
"PortApp1", msgPortView.addMessage
```

```
init(localMessagePortName,
                    callbackView)
```

```
this.localPort = tizen.messageport.requestLocalMessagePort(
                                    this.localPortName);

var localPortWatchId = this.localPort.addMessagePortListener(
                                    onsuccessRecieveEvent);
```

```
function onsuccessRecieveEvent(data, replyPort)
{
        callbackView(data);
}
```

```
addMessage(msgObjList)
```

```
$("#message-list").append(htmlMsg);
```

Ссылки

* Message Port:
https://developer.tizen.org/development/guides/web-application/application-management/application-data-exchange/message-port
https://developer.tizen.org/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/messageport.html

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