Факультатив ФКН

# РАЗРАБОТКА МОБИЛЬНЫХ ПРИЛОЖЕНИЙ НА БАЗЕ ПЛАТФОРМЫ

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Messaging

Filter

AppControl

Contacts

Icons

http://www.flaticon.com/

# API приложения

**Messaging**

https://developer.tizen.org/development/guides/web-application/messaging/messages

https://developer.tizen.org/ko/development/api-references/web-application?redirect=/dev-guide/2.3.0/org.tizen.web.apireference/html/device_api/mobile/tizen/messaging.html&langredirect=1

**Filter**

https://developer.tizen.org/development/guides/web-application/data-storage-and-management/data-filtering-and-sorting?langredirect=1

https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/3.0.0/org.tizen.web.apireference/html/device_api/mobile/tizen/tizen.html

# API приложения

**AppControl**

https://developer.tizen.org/ko/development/api-guides/web-application/tizen-features/application-framework/application?langredirect=1

https://developer.tizen.org/ko/development/guides/web-application/tizen-features/application/application/common-application-controls?langredirect=1

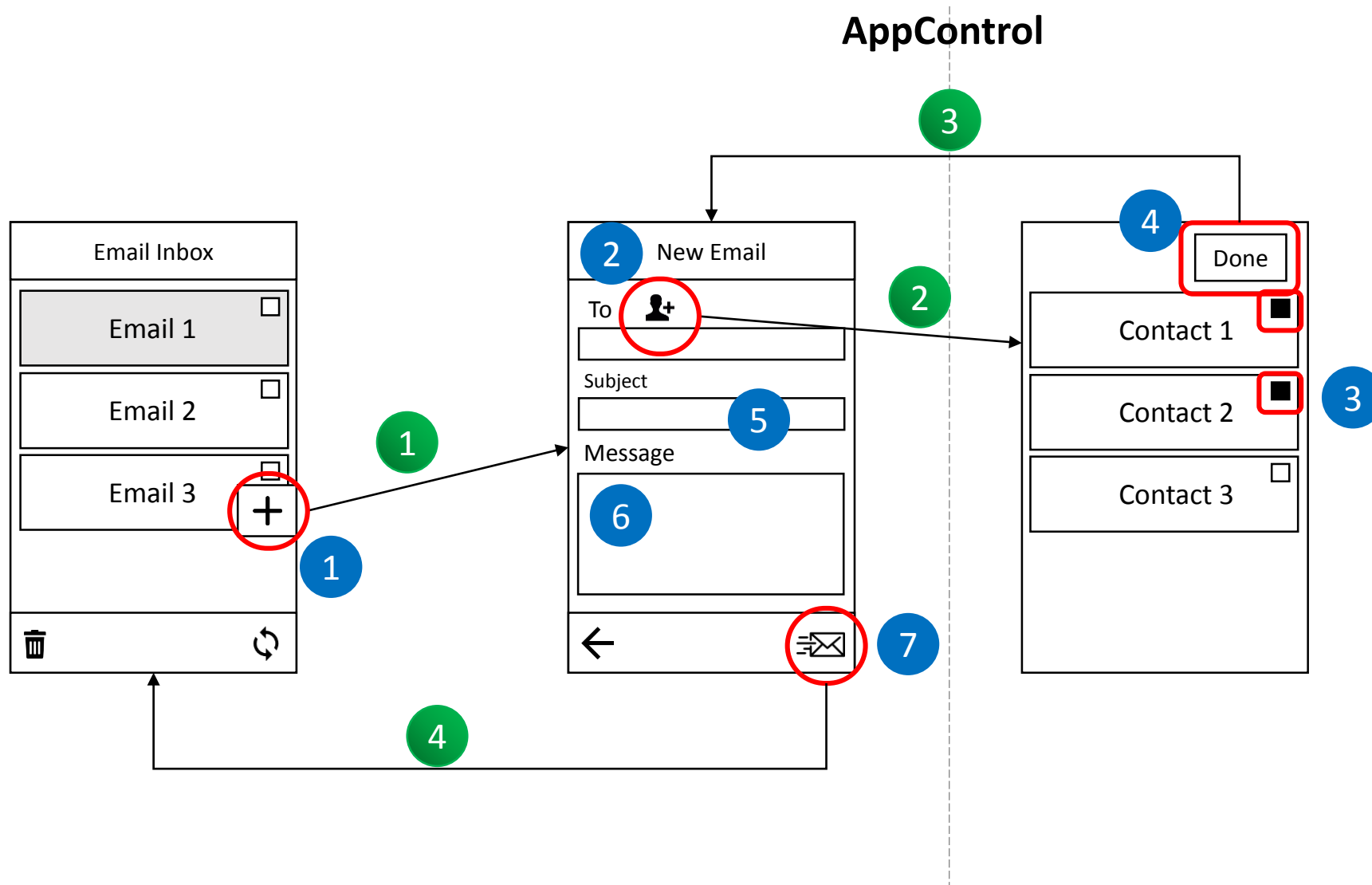**Contacts**

https://developer.tizen.org/ko/development/guides/web-application/personal-data/contacts

https://developer.tizen.org/ko/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/contact.html&langredirect=1
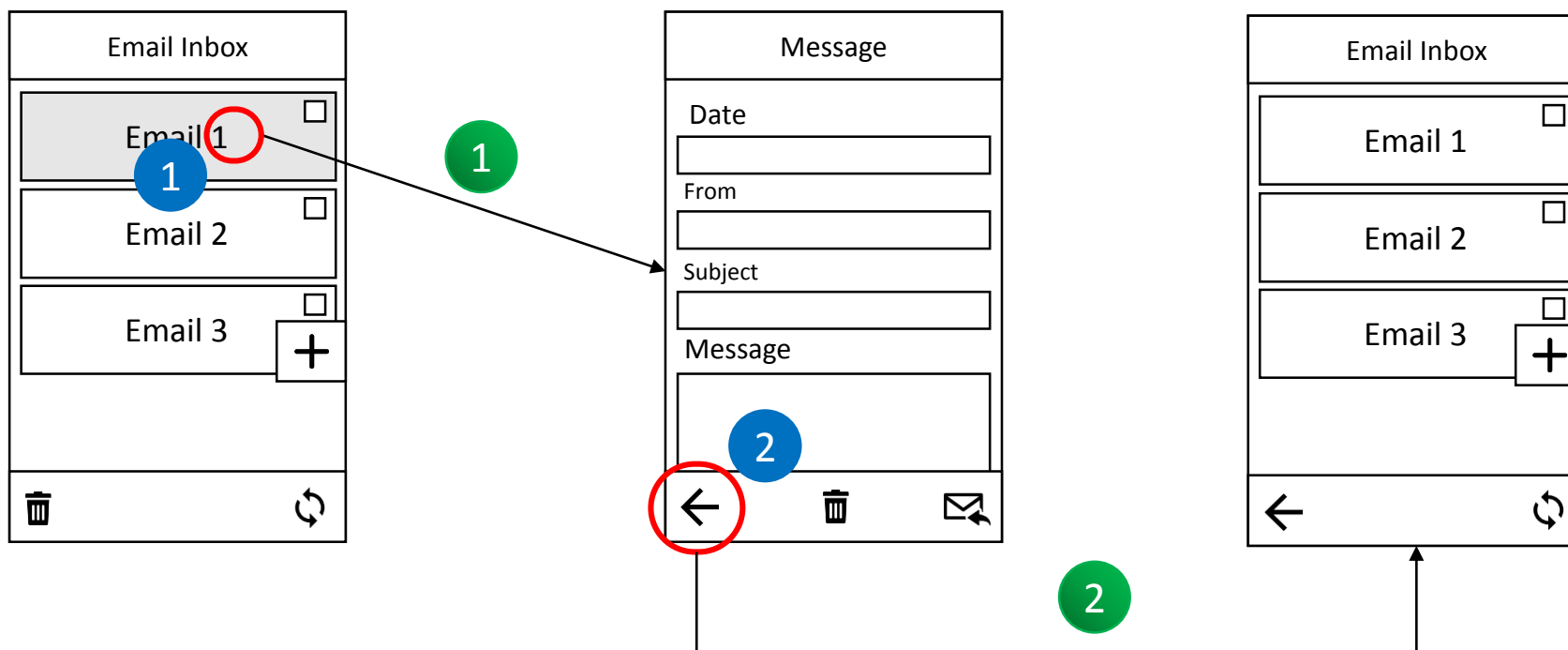
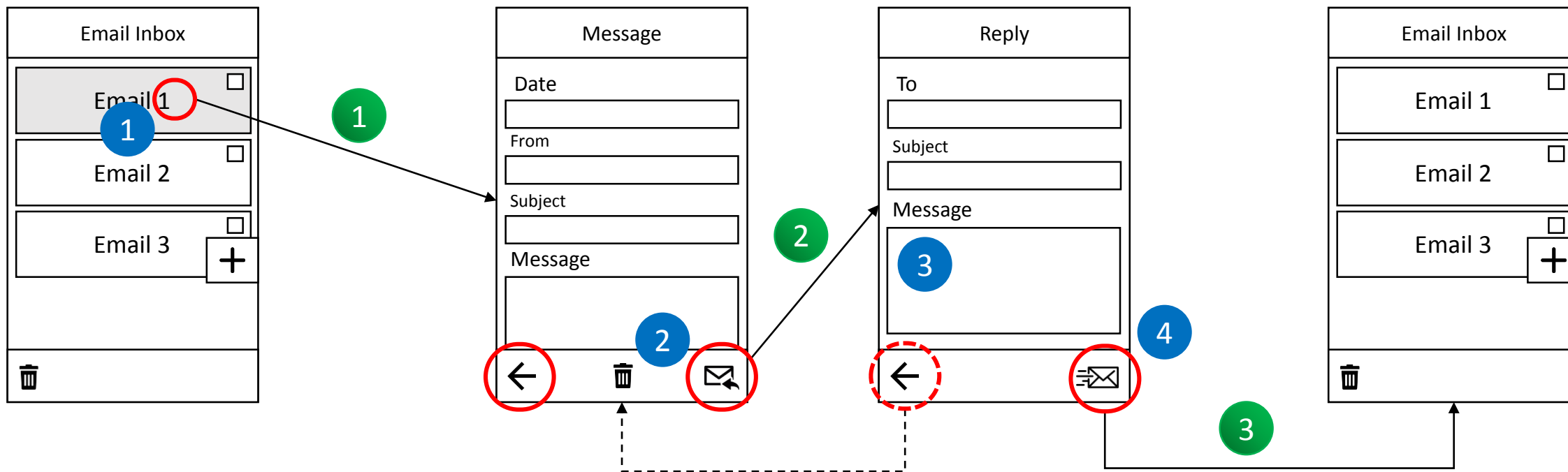Формирование и отправка нового сообщений

AppControl

# Ответ на сообщение

Messaging

Filter

AppControl

Contacts

## Привилегии

- http://tizen.org/privilege/messaging.read

- http://tizen.org/privilege/messaging.write

- http://tizen.org/privilege/application.launch

- http://tizen.org/privilege/contact.read
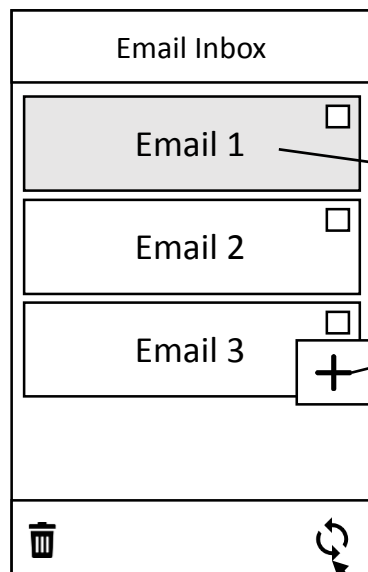
Необходимо создать аккаунт с почтой на устройстве для синхронизации с внешним почтовым сервером

# Страницы приложения

id="email-viewer-main"

id="email-viewer-new-email-page"
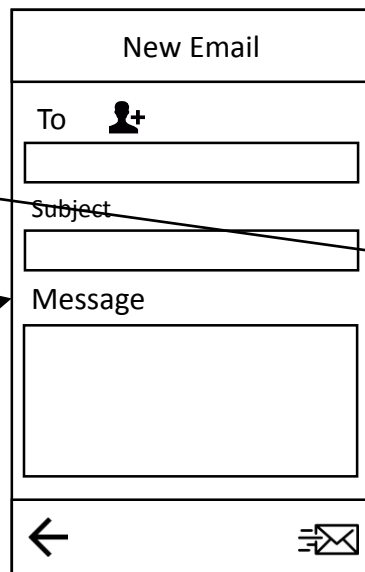
id="email-viewer-view-page"

id="email-viewer-reply-page"
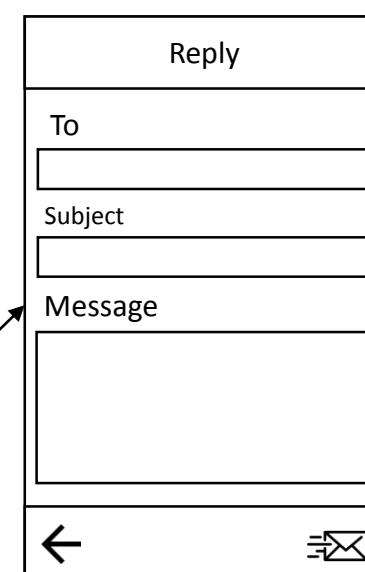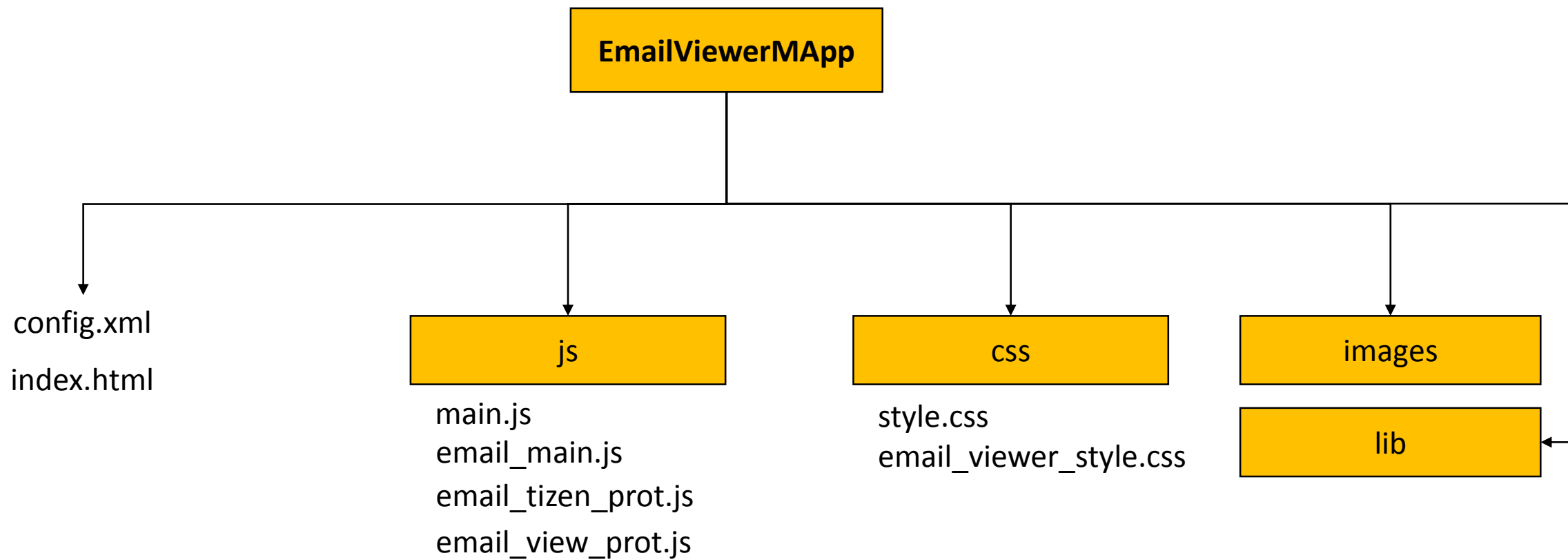
Email Inbox

Email 1

Email 2

Email 3

New Email

To

Subject

Message

Message

Date

From

Subject

Message

Reply

To

Subject

Message

Входящие сообщения

Создание нового письма

Просмотр содержания письма

Ответ на письмо

Синхронизация

Формирование и отправка нового сообщений

AppControl
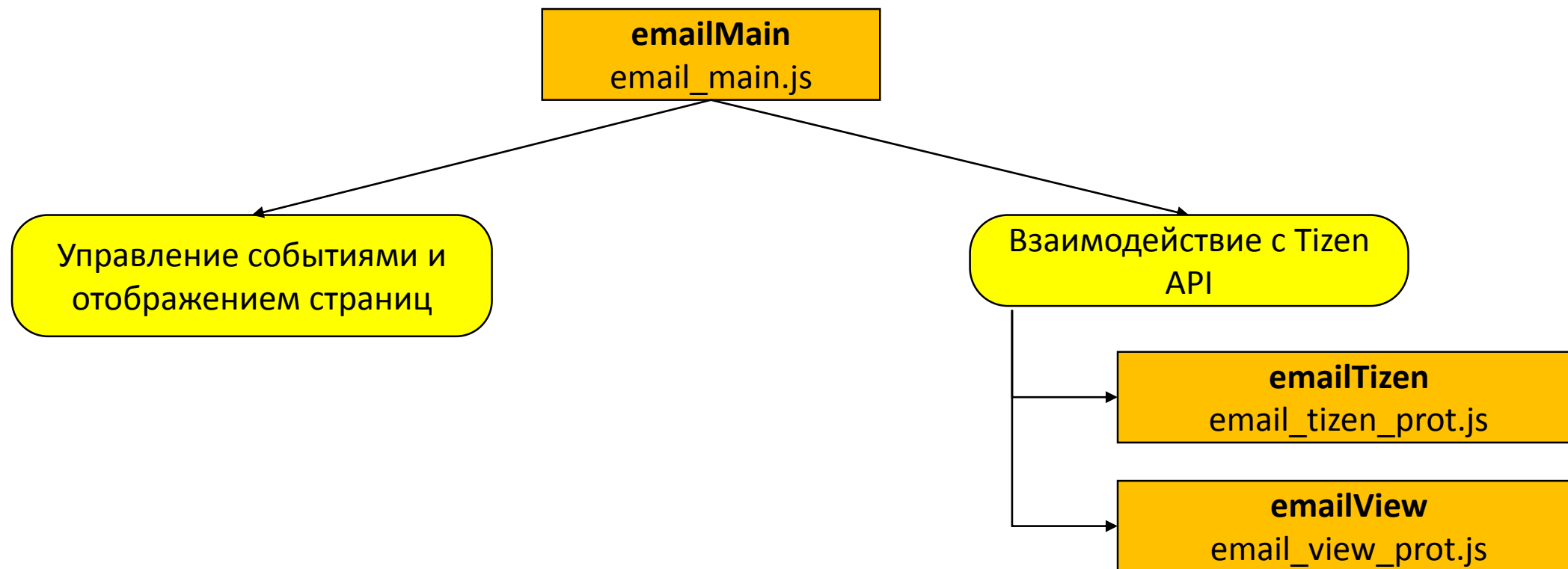
Messaging
Filter
AppControl
Contacts
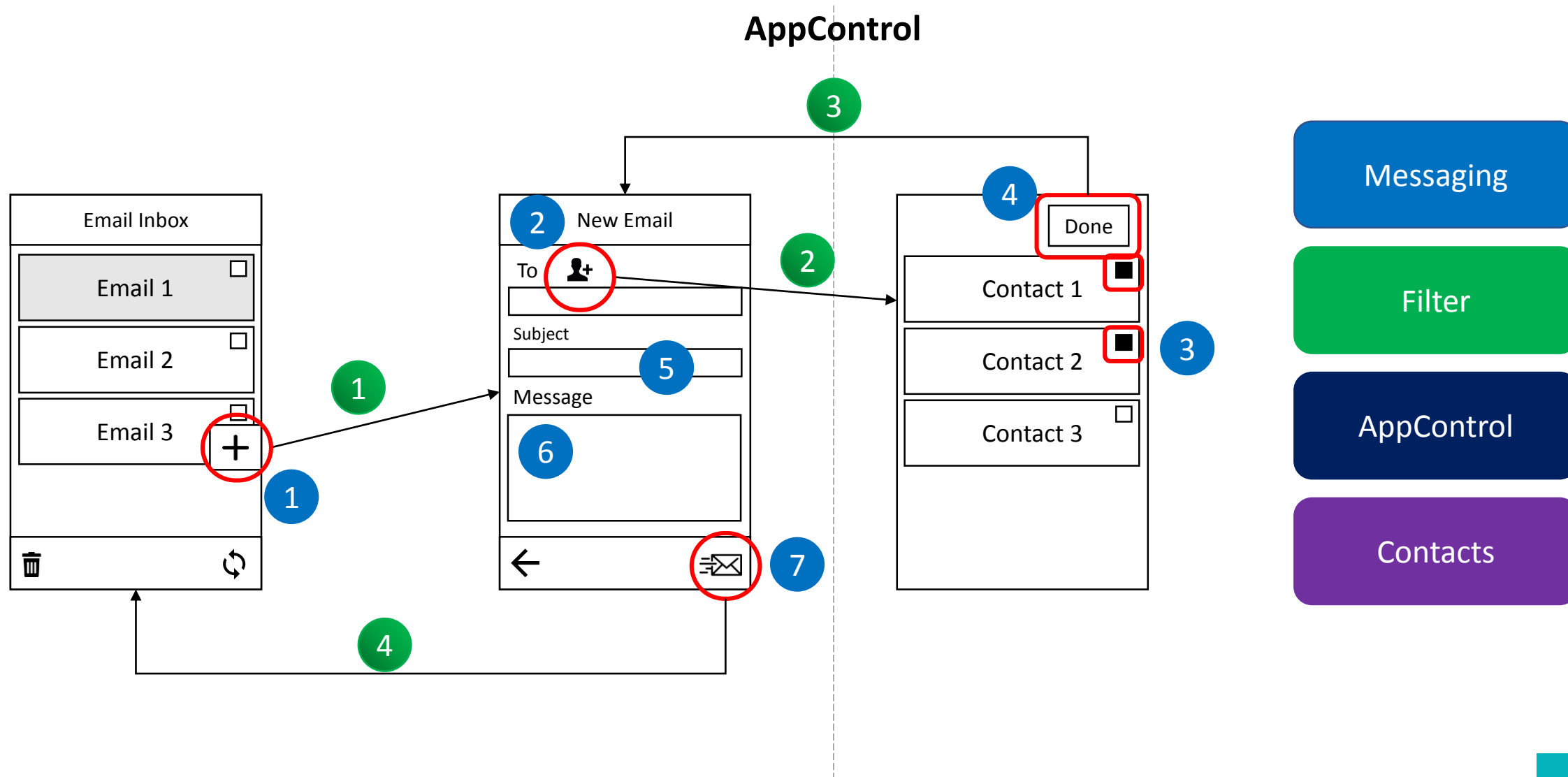
```
tizen.messaging.getMessageServices("messaging.email", onsuccessService, onerrorService);
```

**onsuccessService**

```
var messageChangeCallback = {
            messagesupdated: onmessageUpdate,
            messagesadded: onmessageAdd,
            messagesremoved: onmessageRemove
        };


self.emailService.messageStorage.addMessagesChangeListener(messageChangeCallback);



function onmessageUpdate(msgs)
{…}
function onmessageAdd(msgs)
{…}
function onmessageRemove(msgs)
{…}
```

# Синхронизация

**syncEmails()**

```
                    "INBOX"
                                    syncEmailFolder(folder)

        filter = new tizen.AttributeFilter("serviceId", "EXACTLY",
                                        this.emailService.id);

    this.emailService.messageStorage.findFolders(filter,
                                    onsuccessFind, onerrorFind);


        function onsuccessFind(folders) {

            if (folders[i].type === folder) {

            self.emailService.syncFolder(folders[i],
                                            onsuccessSyncFolder,
                                            null, 30);

            }
        }
```
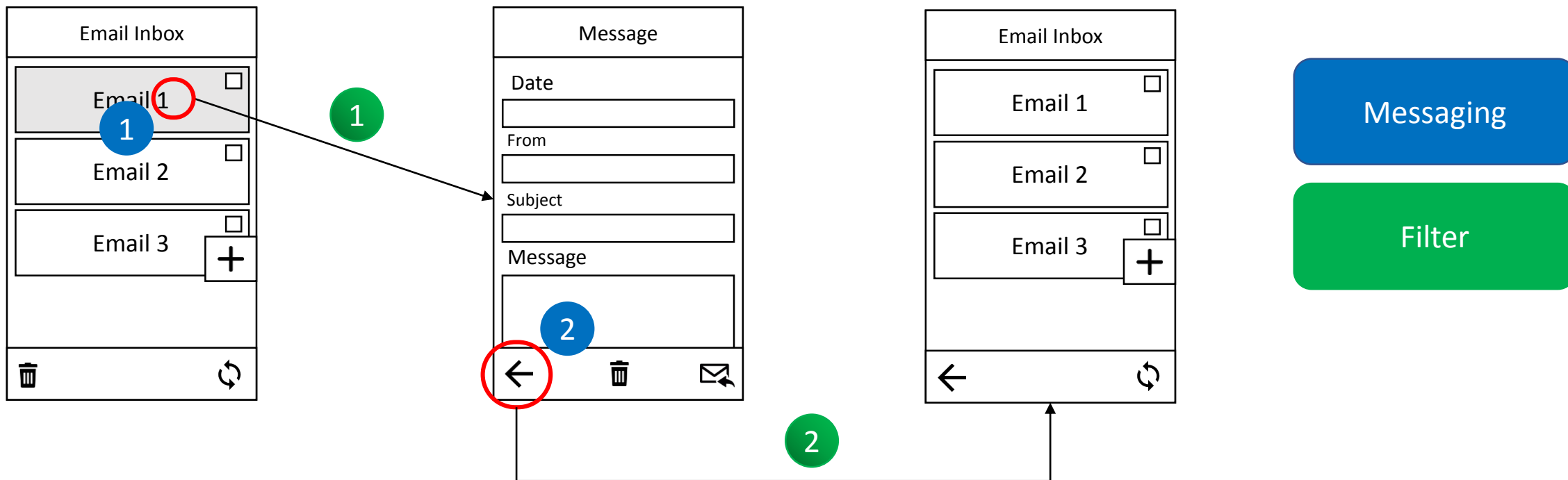
```javascript
var appDataSelectMode = new tizen.ApplicationControlData(
                        "http://tizen.org/appcontrol/data/selection_mode",
                        ["multiple"]),
    appDataType = new tizen.ApplicationControlData("http://tizen.org/appcontrol/data/type", ["id"]),
    appData = [appDataSelectMode, appDataType];

var appControl = new tizen.ApplicationControl("http://tizen.org/appcontrol/operation/pick",
                        null, "application/vnd.tizen.contact", null, appData, null);

var callbackAppControl = {
    onsuccess: onsuccessCallbackAppControl,
    onfailure: onerrorCallbackAppControl
};

tizen.application.launchAppControl(appControl, null, onsuccessLaunch, onerrorLaunch,
                                            callbackAppControl);
```

# Просмотр сообщения

email_main.js         email_tizen_prot.js         email_view_prot.js

**showEmailDetailPage**()

```
emailId, emailView.addEmail  ─────►  getEmail(emailId, callbackView)

                                     filter = new tizen.AttributeFilter(
                                                  "id", "EXACTLY", emailId);

                                     this.emailService.messageStorage.findMessages(
                                                            filter,
                                                            onsuccessFind,
                                                            null, null);


                                     function onsuccessFind(msgs) {

                                         callbackView(msgs[0]); ─────────►  addEmail(msg)
                                     }
```
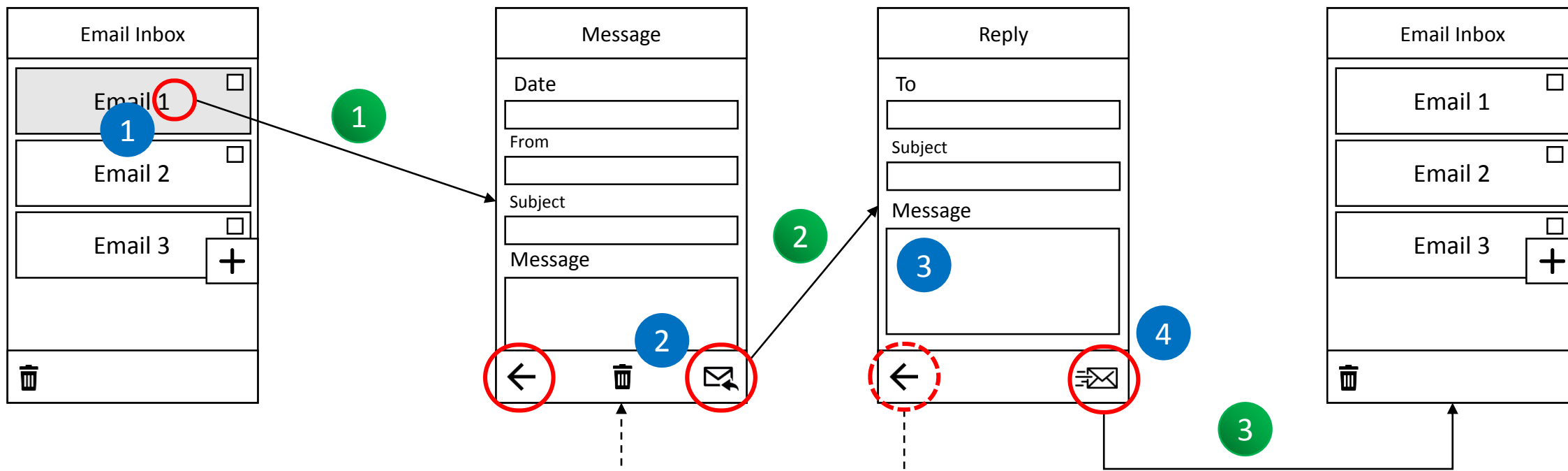
Ответ на сообщение

# Ответ на сообщение

email_main.js                email_tizen_prot.js                email_view_prot.js

**sendReplyEmail()**

```
                                           sendEmail(toMsg,
    toEmails, fromMsg, subjectMsg,                   fromMsg,
    textMsg, function() {                            subjectMsg,
            backToMainFromMessagePage();             textMsg,
        }                                            callback)


                                       var msgObj = {
                                               subject: subjectMsg,
                                               to: toMsg,
                                               from: fromMsg,
                                               plainBody: textMsg
                                           };

                            var msg = new tizen.Message("messaging.email", msgObj);

                            this.emailService.sendMessage(msg, onsuccessSend,
                            onerrorSend);

                                function onsuccessSend() {
                                            callback();
                                        }
```

# Ссылки

 * Messaging:
https://developer.tizen.org/development/guides/web-application/messaging/messages
https://developer.tizen.org/ko/development/api-references/web-application?redirect=/dev-guide/2.3.0/org.tizen.web.apireference/html/device_api/mobile/tizen/messaging.html&langredirect=1
* Filter:
https://developer.tizen.org/development/guides/web-application/data-storage-and-management/data-filtering-and-sorting?langredirect=1
https://developer.tizen.org/development/api-references/web-application?redirect=/dev-guide/3.0.0/org.tizen.web.apireference/html/device_api/mobile/tizen/tizen.html
* AppControl
https://developer.tizen.org/ko/development/api-guides/web-application/tizen-features/application-framework/application?langredirect=1
https://developer.tizen.org/ko/development/guides/web-application/tizen-features/application/application/common-application-controls?langredirect=1
* Contacts:
https://developer.tizen.org/ko/development/guides/web-application/personal-data/contacts
https://developer.tizen.org/ko/development/api-references/web-application?redirect=/dev-guide/latest/org.tizen.web.apireference/html/device_api/mobile/tizen/contact.html&langredirect=1
* Email Account:
https://help.mail.ru/mail-help/mailer/popsmtp
* Icons:
http://www.flaticon.com/