TIZEN STORE

Deep Linking Guide v1.1

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1. Overview

Tizen Store provides several link formats that let users deep link directly to some pages of Tizen Store application from Tizen native and Tizen web applications on the Tizen device.

2. Deep link Types and Methods

The deep link formats support the following cases:

1) Invoking the main page of the Tizen Store application
2) Invoking a details page of an application
3) Invoking a seller apps page

If you want to link to your application, you need to use Tizen API.

In general, you should add the following privilege to use the AppControl function in the application.

```
http://tizen.org/privilege/appmanager.launch
```

2.1. Invoking the main page of the Tizen Store application

From a native app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : APP_CONTROL_OPERATION_VIEW
Uri : tizenstore://Main
```

To launch the Tizen Store application, you need to use the AppManager.

Here is a sample code.

```
#include <app_control.h>

app_control_h service = NULL;
int ret = -1;
ret = app_control_create(&service);
ret = app_control_set_app_id(service, "org.tizen.tizenstore");
ret = app_control_set_uri(service, "tizenstore://Main");
ret = app_control_set_operation(service, APP_CONTROL_OPERATION_VIEW);
ret = app_control_send_launch_request(service, appcontrol_callback, NULL);
```

From a web app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : "http://tizen.org/appcontrol/operation/view"
Uri : tizenstore://Main
```

Define the desired functionality required from the application to be launched and call the

launchAppControl() method.

```
function requestAppservice() {
    var service = new tizen.ApplicationControl(
                                "http://tizen.org/appcontrol/operation/view",
                                "tizenstore://Main",
                                 null,
                                 null,
                                 null);
    var id = "org.tizen.tizenstore";
    try {
            tizen.application.launchAppControl(
                service,
                id,
                function(){console.log("Service launched");},
                function(err){alert("Service launch failed: " + " " + err.message);},
                null);
        } catch (exc) {
            alert("launchService exc: " + exc.message);
        }
}
```

2.2. Invoking a details page of an application

From a native app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : APP_CONTROL_OPERATION_VIEW
Uri : tizenstore://ProductDetail/{a package Id}
```

To launch a specific app's details page, you need to use the AppManager.

Here is a sample code.

```
#include <app_control.h>

app_control_h service = NULL;
int ret = -1;
ret = app_control_create(&service);
ret = app_control_set_app_id(service, "org.tizen.tizenstore");
ret = app_control_set_uri(service, "tizenstore://ProductDetail/org.tizen.testapp");
ret = app_control_set_operation(service, APP_CONTROL_OPERATION_VIEW);
ret = app_control_send_launch_request(service, NULL, NULL);
```

From a web app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : "http://tizen.org/appcontrol/operation/view"
Uri : tizenstore://ProductDetail/{a package Id}
```

Define the desired functionality required from the application to be launched and call the

launchAppControl() method.

```
function requestAppservice() {
    var service = new tizen.ApplicationControl(
                                "http://tizen.org/appcontrol/operation/view",
                                "tizenstore://ProductDetail/ org.tizen.testapp",
                                 null,
                                 null,
                                 null);
```

```
        var id = "org.tizen.tizenstore";
        try {
                tizen.application.launchAppControl(
                    service,
                    id,
                    function(){console.log("Service launched");},
                    function(err){alert("Service launch failed: " + " " + err.message);},
                    null);
            } catch (exc) {
                alert("launchService exc: " + exc.message);
            }
}
```

2.3. Invoking a Seller apps page

You can use the format below to link to a list of apps ('Seller apps page') published by you. The list shows all of the apps from a specific seller.

You can get the globally unique ID of a seller in the Tizen Store Seller Office. It is 10-digit alphanumeric unique ID which is automatically generated when a seller signs up at Seller Office. (My profile > Profile > Basic Information. Find 'Seller DeepLink').

From a native app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : APP_CONTROL_OPERATION_VIEW
Uri : tizenstore://SellerApps/{Seller id from Seller Office}
```

To launch a seller apps page, you need to use the AppManager.

Here is a sample code.

```
#include <app_control.h>

app_control_h service = NULL;
int ret = -1;
ret = app_control_create(&service);
ret = app_control_set_app_id(service, "org.tizen.tizenstore");
ret = app_control_set_uri(service, "tizenstore://SellerApps/p59ezq3jff");
ret = app_control_set_operation(service, APP_CONTROL_OPERATION_VIEW);
ret = app_control_send_launch_request(service, NULL, NULL);
```

From a web app

You should use the following information to implement deep linking.

```
App ID : org.tizen.tizenstore
Operation ID : "http://tizen.org/appcontrol/operation/view"
Uri : tizenstore://SellerDetail/{Seller DeepLink id from Seller Office}
```

Define the desired functionality required from the application to be launched and call the launchAppControl() method.

```
function requestAppservice() {
    var service = new tizen.ApplicationControl(
                            "http://tizen.org/appcontrol/operation/view",
                            " tizenstore://SellerApps/p59ezq3jff");",
                             null,
                             null,
                             null);
    var id = "org.tizen.tizenstore";
```

```
    try {
            tizen.application.launchAppControl(
                service,
                id,
                function(){console.log("Service launched");},
                function(err){alert("Service launch failed: " + " " + err.message);},
                null);
        } catch (exc) {
            alert("launchService exc: " + exc.message);
        }
}
```