

Phonebook's XML definition based on Ubus in 1826

Revision 0.8

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Description

ubus object name is “phonebook”.

response: the type of return value is int, defined as:

```
#define PB_RET_SUCCESS      0
#define PB_RET_FAIL        -1
#define PB_RET_FILEERR     -2
#define PB_RET_SIMFULL     -3
#define PB_RET_LOCALFULL   -4
#define PB_RET_ARGUMENTERR -5
#define PB_NOCONTACT       -6
#define PB_LOCALNOTINITED  -7
#define PB_SIMNOTINITED    -8
#define PB_NAMETOOLONG     -9
#define PB_NAMEISNULL     -10
#define PB_EMAILTOOLONG   -11
#define PB_NUMBERTOOLONG  -12
#define PB_NOMEMORY       -13
```

Definition of group type:

```
enum{
    GROUP_COMMON,
    GROUP_FAMILY,
    GROUP_FRIEND,
    GROUP_COLLEAGUE,
    GROUP_MAX
} grouptype;
```

Location of contact:

Local: contact in local flash.

Sim: contact in sim card

Ubus Method

1. Add contact

Ubus method: addnew_pb

```
<addnew_pb>
    <location/> <!--local=0, sim=1-->
    <name/>
    <mobile/>
    <home/> <!--option-->
    <office/> <!--option-->
    <email/> <!--option-->
    <group/><!--option-->
```

</addnew_pb>

Response:

<result/> <!--ret value-->

2. Edit contact

Ubus method: update_pb

<update_pb>

<location/>

<index/>

<name/>

<mobile/>

<home/> <!--option-->

<office/> <!--option-->

<email/> <!--option-->

<group/><!--option-->

</update_pb>

Response:

<result/> <!--ret value-->

3. Delete contact

Ubus method: delete_pb

<delete_pb>

<location/>

<count/><!--total number of contact need to be deleted-->

<indexarray/> <!--index of contact,use "," as separator,like:1,2,3,..-->

</delete_pb>

Response:

<result/> <!--ret value-->

4. Get all contact by page

Ubus method: getcontactbypage

Note: pageindex from 0

<getcontactbypage>

<pagecap/>

<pageindex/>

</getcontactbypage>

Fail Response:

```
<result/> <!--ret value-->
```

Success response:

```
<contactcount>count<contactcount/> <!--count is the total number of contact-->
<contactlist>
```

```
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
        <home/>
        <office/>
        <email/>
        <group/>
```

```
    </contact>
```

```
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
```

```
    </contact>
```

```
</contactlist>
```

5. Get contact from sim or local by page

Ubus method: getcontactbylocation

```
< getcontactbylocation >
```

```
    <location/>
```

```
    <pagecap/> <!--capability of one page-->
```

```
    <pageindex/> <!--index of page, from 0-->
```

```
</ getcontactbylocation >
```

successful response:

local contact:

```
<contactcount>count<contactcount/><!--count is the total number of contact-->
```

```
<contactlist>
```

```
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
```

```

        <home/>
        <office/>
        <email/>
        <group/>
    </contact>
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
        <home/>
        <office/>
        <email/>
        <group/>
    </contact>
</contactlist>

```

sim contact:

```

<contactcount>count</contactcount/><!--count is the total number of contact-->
<contactlist>
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
    </contact>
    <contact>
        <location/>
        <index/>
        <name/>
        <mobile/>
    </contact>
</contactlist>

```

fail response:

```

<result/> <!--ret value-->

```

6. Copy contact from sim to local

Ubus method: copyfromsimtolocal

```

<copyfromsimtolocal>
    <indexcount/>
    <indexarray/> <!--index of contact,use "," as separator,like:1,2,3,...-->

```

</copyfromsimtocal>

Response:

<result/> <!--ret value-->

7. Copy contact from local to sim

Ubus method: copyfromlocaltosim

<copyfromlocaltosim>

<indexcount/>

<indexarray/> <!--index of contact,use "," as separator,like:1,2,3,...-->

</copyfromlocaltosim>

Response:

<result/> <!--ret value-->

8. Move contact from sim to local

Ubus method: movefromsimtocal

<movefromsimtocal>

<indexcount/>

<indexarray/> <!--index of contact,use "," as separator,like:1,2,3,...-->

</movefromsimtocal>

Response:

<result/> <!--ret value-->

9. Move contact from local to sim

Ubus method: movefromlocaltosim

<movefromlocaltosim>

<indexcount/>

<indexarray/> <!--index of contact,use "," as separator,like:1,2,3,...-->

</movefromlocaltosim>

Response:

<result/> <!--ret value-->

10. Get contact by id

Ubus method: getcontactbyid

<getcontactbyid>

<contactid/>

</getcontactbyid>

Fail response:

```
<result/> <!--ret value-->
```

Success response:

Local contact:

```
<contact>
    <location/>
    <index/>
    <name/>
    <mobile/>
    <home/>
    <office/>
    <email/>
    <group/>
```

```
</contact>
```

Sim contact

```
<contact>
    <location/>
    <index/>
    <name/>
    <mobile/>
```

```
</contact>
```

11. Get contact id by phone number

Ubus method: getcontactidbynumber

```
<getcontactidbynumber>
```

```
    <number/>
```

```
</getcontactidbynumber>
```

Success response:

```
<contactid/>
```

Fail response:

```
<result/> <!--ret value-->
```

12. Delete all contacts in sim or local

Ubus method: deleteallbylocation

```
< deleteallbylocation >
```

```
    <location/>
```

```
</ deleteallbylocation >
```

Reponse:

```
<result/> <!--ret value-->
```

13. Get contact name by phone number

Ubus method: getcontactnamebynumber

```
< getcontactnamebynumber >
```

```
    <count/>
```

```
    <numberarray/> <!--index of contact,use "," as separator,like:1,2,3,...-->
```

```
</ getcontactnamebynumber >
```

Success response:

```
<contactname>name1,name2,name3,,<contactname/>
```

```
<!--name of contact, use "," as separator-->
```

Fail response:

```
<result/> <!--ret value-->
```

14. Get contact in group by page

Ubus method: getcontactbygroup

```
< getcontactbygroup >
```

```
    <group/>
```

```
    <pagecap/> <!--capability of one page-->
```

```
    <pageindex/> <!--index of page, from 0-->
```

```
</ getcontactbygroup >
```

Success response:

```
<contactcount>count<contactcount/><!--count is the total number of contact in one group-->
```

```
<contactlist>
```

```
    <contact>
```

```
        <location/>
```

```
        <index/>
```

```
        <name/>
```

```
        <mobile/>
```

```
        <home/>
```

```
        <office/>
```

```
        <email/>
```

```
    <group/>
```

```
</contact>
```

```
<contact>
```

```
    <location/>
```

```
    <index/>
```



```
        <name/>
        <mobile/>
        <home/>
        <office/>
        <email/>
        <group/>
    </contact>
</contactlist>
```

Fail response:

```
<result/> <!--ret value-->
```