

# PowerTalk Built-in Template Specifications

This appendix describes some of the details of the PowerTalk templates which are built into PowerTalk, and are available immediately upon installation. In some cases, developers may wish to access the information defined in these templates, or provide additional templates which work with and extend the ones which are built in.

## User Records

The user record is type “aoce User” (kUserRecTypeBody in OCE.h).

Within the user record are several attribute types. Developers are free to add new types as needed, so long as they have unique attribute types.

Attribute type “aoce mailslots” (kMailSlotsAttrTypeBody in OCE.h) contains the list of addresses for this user. The preferred address is duplicated in attribute type “aoce pref mailslot” (kPrefMailAttrTypeBody in OCE.h).

Attribute type “aoce PersonInfo” contains the text information found on the first user information page. The following ‘dett’ describes the format of the information:

```
resource 'dett' (kUserInfoPageAspect+kDETAAspectLookup, purgeable)
{
  {
    "aoce PersonInfo", typeBinary,
    useForInput, useForOutput, notInSublist, isNotAlias, isNotRecordRef,
    {
      'rstr', kName, 0,
      'rstr', kTitle, 0,
      'rstr', kCompanyName, 0,
      'rstr', kCompanyAddr, 0,
      'rstr', kMisc, 0
    }
  }
};
```

Attribute type “aoce Picture” contains the picture found on the first user information page:

```
resource 'dett' (kUserInfoPageAspect+kDETAAspectLookup, purgeable)
{
  {
    "aoce Picture", typeBinary,
    useForInput, useForOutput, notInSublist, isNotAlias, isNotRecordRef,
    { 'rest', kPicture, 0 }
  }
};
```

Attribute type “aoce Personal” contains the information found on the second user information page:

```
resource 'dett' (kUserInfoPageAspect+kDETAAspectLookup, purgeable)
{
  {
    "aoce Personal", typeBinary,
    useForInput, useForOutput, notInSublist, isNotAlias, isNotRecordRef,
    {
      'rstr', kPersonal1, 0,
      'rstr', kPersonal2, 0,
      'rstr', kPersonal3, 0
    }
  }
};
```

Attribute type “aoce PhoneNumber” contains one value per phone number in the phone numbers information page. The tag of each value tells the type of phone number: ‘work’ for work, ‘home’ for home, ‘mobi’ for mobile, and ‘othr’ for other. Developers can add

new tags, but need to be careful to avoid duplicate use of the same tag. The attribute values have the following format (using work as an example—the other types vary only in the tag, not in the internal format):

```
resource 'dett' (kWorkPhoneAspect+kDETAAspectLookup, purgeable) {
    {
        "aoce PhoneNumber", 'work',
        useForInput, useForOutput, notInSublist, isNotAlias, isNotRecordRef,
        {
            'rstr', kDETAAspectName, 0;
            'rstr', kPhoneNumber, 0;
            'rstr', kPhoneInfo, 0
        };
    }
};
```

The user record information pages are 350 pixels wide by 180 pixels high. The page selection pop-up is fixed at location (6, 180, 24, 339) (top, left, bottom, right). It is recommended that a page indentifying small icon be placed at location (6, 156, 22, 172).

The picture on the first information page is 100 pixels wide and 100 pixels high.

The sort order of the information pages for the user record is: 1000 for the first (business card) page, 2000 for the second (personal information) page, 3000 for the third (phone numbers) page, and 20000 for the fourth (addresses) page. The addresses page has a much high sort order number than the others because it is intended that it always come last, even if developers add additional information pages between it and the other ones.

The following template names are used:

<u>Template Name</u>	<u>Template Type</u>	<u>Function</u>
“aoce User main aspect”	Aspect	User record main aspect
“aoce User Info-page Aspect”	Aspect	Properties for first two pages
“aoce User Info-page”	Info-page	First (business card) page
“aoce User Persoanl Info-page”	Info-page	Second (personal) page (please excuse the typo)
“aoce User Phone Aspect”	Aspect	Properties for phone page
“aoce Work Phone Aspect”	Aspect	Aspect for work phone
“aoce Work Phone Info-page”	Info-page	Info-page for work phone
“aoce Home Phone Aspect”	Aspect	Aspect for home phone
“aoce Home Phone Info-page”	Info-page	Info-page for home phone
“aoce Mobile Phone Aspect”	Aspect	Aspect for mobile phone
“aoce Mobile Phone Info-page”	Info-page	Info-page for mobile phone
“aoce Other Phone Aspect”	Aspect	Aspect for other phone
“aoce Other Phone Info-page”	Info-page	Info-page for other phone
“Mail Info Page Aspect”	Aspect	Aspect for addresses page
“Mail Info Page”	Info-page	Last (addresses) page
“Drop Send Aspect User”	Aspect	Drop-send (forwarded to by groups and addresses as well)

## Group Records

The group record is type “aoce Group” (kGroupRecTypeBody in OCE.h).

It contains attribute values of type “aoce Member” (kMemberAttrTypeBody in OCE.h).

The group information pages are 277 pixels wide by 289 pixels high. The page selection pop-up is fixed at location (7, 35, 26, 201) (top, left, bottom, right). It is recommended that a page identifying small icon be placed at location (7, 11, 23, 27).

## **Addresses**

Within user records and stand-alone, addresses are stored in attribute values of type “aoce mailslots” (kMailSlotsAttrTypeBody in OCE.h). The tag is the internal subtype of the address (‘entn’ for PowerShare, ‘alan’ for AppleTalk, etc.).

The ‘dett’ pattern for an address must end with a pattern element of type ‘Pref’. This lets the addresses information page set the preferred address radio buttons correctly.

The standard address information page is 259 pixels wide by 200 pixels high. It has a page selection pop-up at location (8, 56, 30, 206) (top, left, bottom, right). It has a page identifying large icon at (8, 8, 40, 40). Within the page are two radio buttons labeled “View as:”, one for “Fields” and one for “String”. The “View as:” string is at location (49, 56, 63, 106). The “Fields” radio button is at location (48, 111, 64, 154). The “String” radio button is at location (48, 164, 64, 209). Between the view-as selector and the data is a dotted line, at location (72, 8, 73, 251).

Addresses with all types of tags are forwarded to the drop-send aspect by a built-in forwarder, so address authors do not need to do this themselves.

## **Other Built-in Templates**

There are several other templates built into PowerTalk. These include Find-in-Catalog, the keychain, and address templates for AppleTalk and PowerShare. These other templates are subject to change without notice, and should not be modified, replaced, or otherwise depended upon by developers.