Archived:Dialing a phone number with pause characters on Symbian

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Description

Dialing a phone number with an extension (with, for example, characters like 'p') is not possible using `CTelephony` or `RPhone`. This can, however, be done using the `CPhCltDialer` and `TPhCltExtPhoneDialData` classes.

Solution

`CTelephony` and `RPhone` classes support only dialing a phone number (numeric only). Dialing a string, that is, a phone number with pause characters like 'p' or 'w', is not supported by `CTelephony` and `RPhone` and is possible only with `CPhCltDialer` and `TPhCltExtPhoneDialData`. These classes are not part of the public S60 2nd Edition SDK. However, the classes are exposed in S60 3rd Edition with the SDK API Plug-in.

An example of a number with the extension: *121p2*

See the following code snippet for an example.

HEADER FILES

```
#include<CPhCltDialer.h>
#include<BAUTILS.H>
#include<CPhCltExtPhoneBase.h>
#include<TPhCltExtPhoneDialData.h>
#include<PhCltTypes.h>
```

LIBRARIES

```
PhoneClient.lib
Efsrv.lib
Bafl.lib
```

```
void DialStringL( const TDesC& aNumber )
  {
  // Load the resource into CONE environment
  // Use "z:\\resource\\PhoneClient.rsc" on S60 3rd Ed
  _LIT(KPhoneClientResourceFile, "z:\\system\\data\\PhoneClient.rsc");
  TFileName resFile(KPhoneClientResourceFile);
  BaflUtils::NearestLanguageFile(CCoeEnv::Static()->FsSession(), resFile);
  const TInt offset = CCoeEnv::Static()->AddResourceFileL(resFile);

  // You need instance of CPhCltDialer
  CPhCltDialer* dialer = CPhCltDialer::NewL();

  TPhCltTelephoneNumber phoneNumber(aNumber);
  TPhCltExtPhoneDialData& dialData = dialer->DialData();

  // Set telephone number with pause character
  dialData.SetTelephoneNumber(phoneNumber);
  dialData.SetContactId(KPhCltNoContact);
  dialData.SetCallType(EPhCltVoice);
  dialer->ExecuteLD();

  // Now remove the resource file lock
  CCoeEnv::Static()->DeleteResourceFile(offset);
  }
```


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