Add a Bookmark

Adding a Bookmark in S60 2nd edition

In order to add a bookmark `CFavouritesDb` is used.

```
#include <FavouritesDb.h>

_LIT( KBookmarkDbPath, "c:\\system\\data\\" );
_LIT( KBookmarkDbFile, "Bookmarks1.db" );

CAddFavouritesDb* CAddFavouritesDb::NewL()
    {
    CAddFavouritesDb* favdb = new (ELeave) CAddFavouritesDb();
    CleanupStack::PushL( favdb );
    favdb->ConstructL( KBookmarkDbPath, KBookmarkDbFile );
    CleanupStack::Pop();
    return favdb;
    }
```

```
   CAddFavouritesDb * addBookmrk = CAddFavouritesDb::NewL();
   CleanupStack::PushL( addBookmrk );
   User::LeaveIfError(addBookmrk->OpenL());
   CFavouritesItem* bookmrkItem = CFavouritesItem::NewLC();
   bookmrkItem->SetType( CFavouritesItem::EItem );
   bookmrkItem->SetParentFolder(KFavouritesRootUid);//this should be added else will leave with -6 error code when add
   bookmrkItem->SetNameL( _L("AddBookmark") );
   bookmrkItem->SetUrlL( _L("http://www.developer.nokia.com/") );
   addBookmrk->AddL(*bookmrkItem , ETrue);
   addBookmrk->Close();
   CleanupStack::PopAndDestroy( bookmrkItem );
   CleanupStack::PopAndDestroy( addBookmrk );
```

Need to link with `favouritesengine.lib` in `.mmp` file.

```
 LIBRARY favouritesengine.lib
```

Adding a Bookmark in S60 3rd Edition

In S60 3rd edition, *CAddFavouritesDb* has been replaced by the R-class, *RFavouritesDb*. To make matters more complex, in S60 3.0 there was a divide between bookmarks displayed in the OSS Browser ("Web" application) and the Services browser. The OSS browser would only display bookmarks where the name and URL was prefixed with the string "oss". This has been rectified in S60 3.1.

To add a bookmark to the Services and OSS browser in S60 3.1:

```
#include <favouritessession.h>
#include <favouritesdb.h>
#include <favouritesitem.h>

// Link against: favouritesengine.lib

RFavouritesSession iSession;
User::LeaveIfError(iSession.Connect());
CleanupClosePushL(iSession);

RFavouritesDb db;
// KBrowserBookmarks is picked up from the header
User::LeaveIfError(db.Open(iSession, KBrowserBookmarks));
CleanupClosePushL(db);

CFavouritesItem* item =  CFavouritesItem::NewLC();
item->SetNameL(_L("Google UK"));
item->SetParentFolder(KFavouritesRootUid);
item->SetType(CFavouritesItem::EItem);
item->SetUrlL(_L("http://www.google.co.uk/"));

User::LeaveIfError(db.Add(*item, ETrue));

CleanupStack::PopAndDestroy(3, &session); // db, item
```

The equivalent to add the same bookmark to the OSS browser in S60 3rd edition would be:

```
CFavouritesItem* item =  CFavouritesItem::NewLC();
item->SetNameL(_L("ossGoogle UK"));
item->SetParentFolder(KFavouritesRootUid);
item->SetType(CFavouritesItem::EItem);
item->SetUrlL(_L("osshttp://www.google.co.uk/"));
```

Links

How to use SQL

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