

Crypt control

This control provides methods for encryption and decryption.

Methods

Some controls use the same methods.
For examples of the **same methods** look here.

Method	Description
Crypt.Decrypt(text,password)	
Crypt.Encrypt(text,password)	
Crypt.GetType()	
Crypt.Hash(text,mode)	
Crypt.Release()	

Sample code

The code samples available from the IDE include a Security Encryption sample which demonstrates the use of this control.

Password check

The following code demonstrates the use of an md5 hash to check a password.

The first time a password is entered, its hash is saved. Every subsequent time, the password's hash is compared against the saved version.

If it does not match, the app does not continue.

[md5.js](#)

```
//Called when application is started.
function OnStart()
{
    var chk = app.LoadText("hash","unset");
    var pass = prompt("Please enter password","");
    if (pass==null) app.Exit();
    var crypt = app.CreateCrypt();
    var md5 = crypt.Hash( pass, "MD5" );
    md5 = md5.substr(0,22);
    if (chk == "unset") app.SaveText("hash", md5)
    else if(chk != md5)
    {
        app.ShowPopup("Incorrect password");
    }
}
```

```
    app.Exit();
}

//Create a layout with objects vertically centered.
lay = app.CreateLayout( "linear", "VCenter,FillXY" );

//Create a text label and add it to layout.
txt = app.CreateText( "Welcome" );
txt.SetTextSize( 32 );
lay.AddChild( txt );

//Add layout to app.
app.AddLayout( lay );
}
```

From: <https://wiki.droidsript.me.uk/> - **DroidScript wiki**

Permanent link: https://wiki.droidsript.me.uk/doku.php?id=built_in:crypt

Last update: **2017/07/01 06:27**

