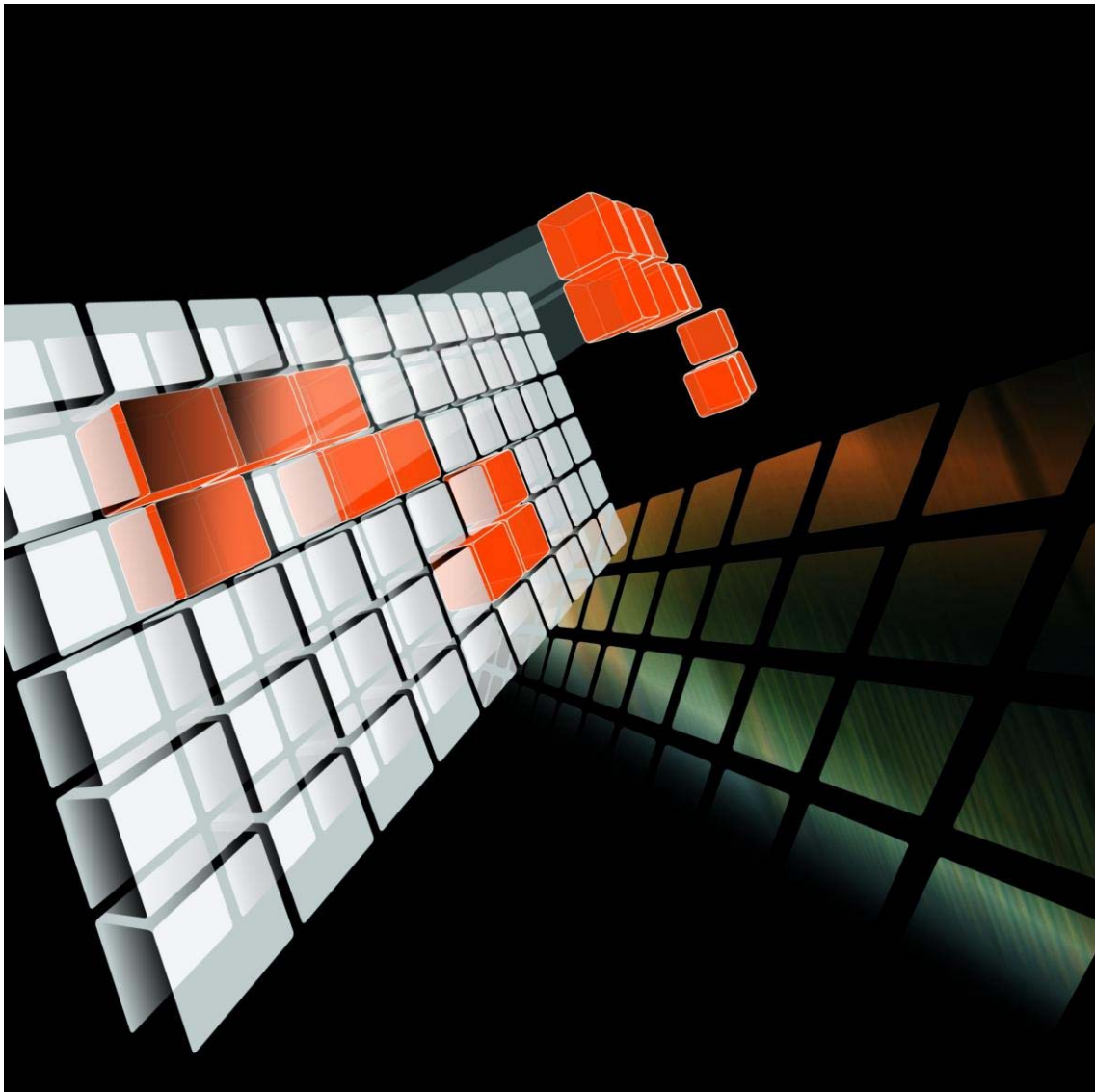


## JScript Package Maker for JSEE 2.5

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Protected by EU Patent 1.282.883, U.S. Patent 6,684,783, Japan Patent 3974782

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STAMMHEIMER STRASSE 35 70435 STUTTGART GERMANY

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## Introduction to the Package Maker plug in for JSEE 2.5

For JScript 3.xx devices, the easiest and recommended way of creating an application which can be uploaded to the device is using the JScript® Enterprise Edition, short JSEE. After installing the Package Maker plug in for JSEE 2.5, some additional functionality is added to the JSEE to allow the creation of JScript® Projects which can be easily uploaded to a JScript® device using the JTalk program since Version 4.0. These projects are called packages.

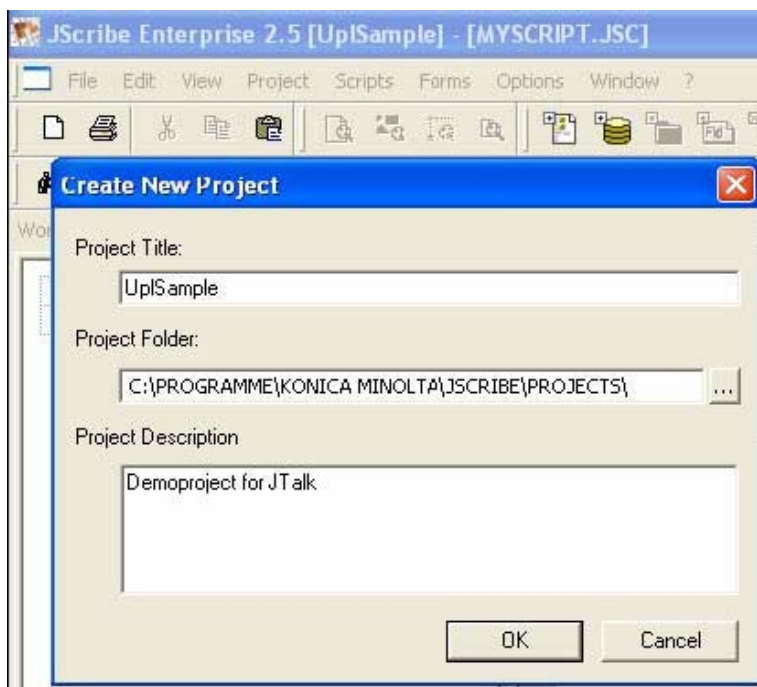
Each of these packages must contain a special JScript® script with the name "Setup.JSC" which holds information on how to create the package. A sample SETUP.JSC script is delivered with the Package Maker plug-in and located in the JSEP\_SCRIPTS folder below the JSEE home directory (by default C:\Program Files\CCP\JSEE).

### System Requirements

- The package Maker for JSEE can only be installed when a version of JSEE 2.5 is already installed on the system. There are no additional System Requirements on top of the requirements for JSEE

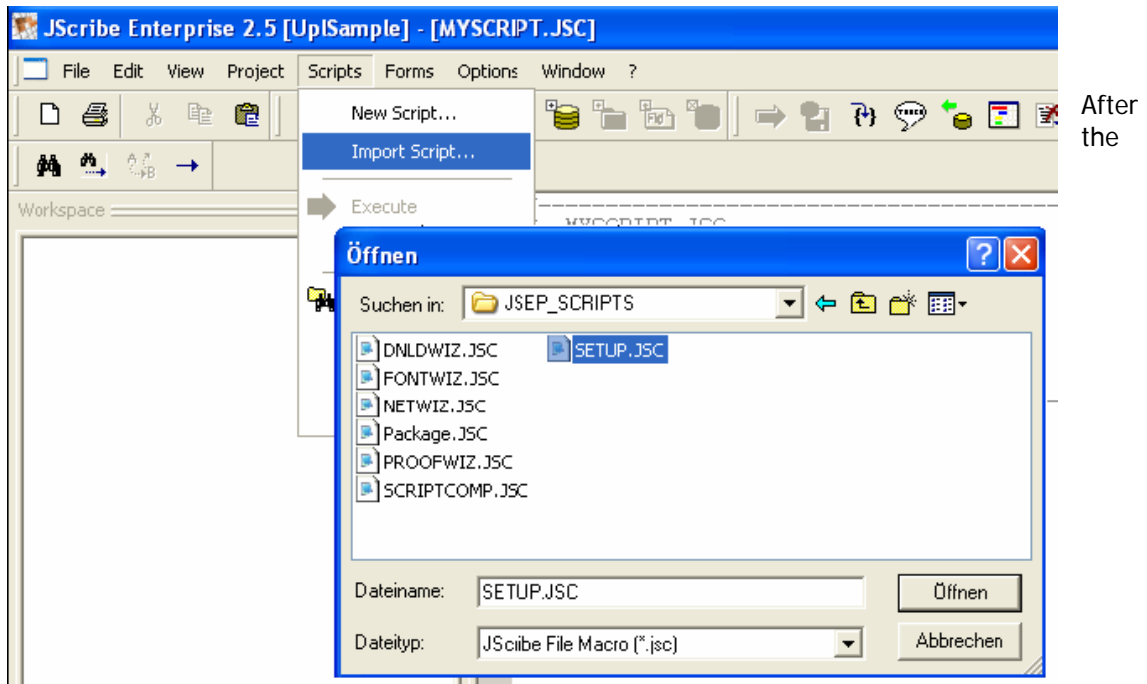
### Creating a sample application with JEE

To demonstrate how such a package has to be generated, a very simple demo package will be created in this chapter. Therefore please open JEE and create a new project called "UpISample".

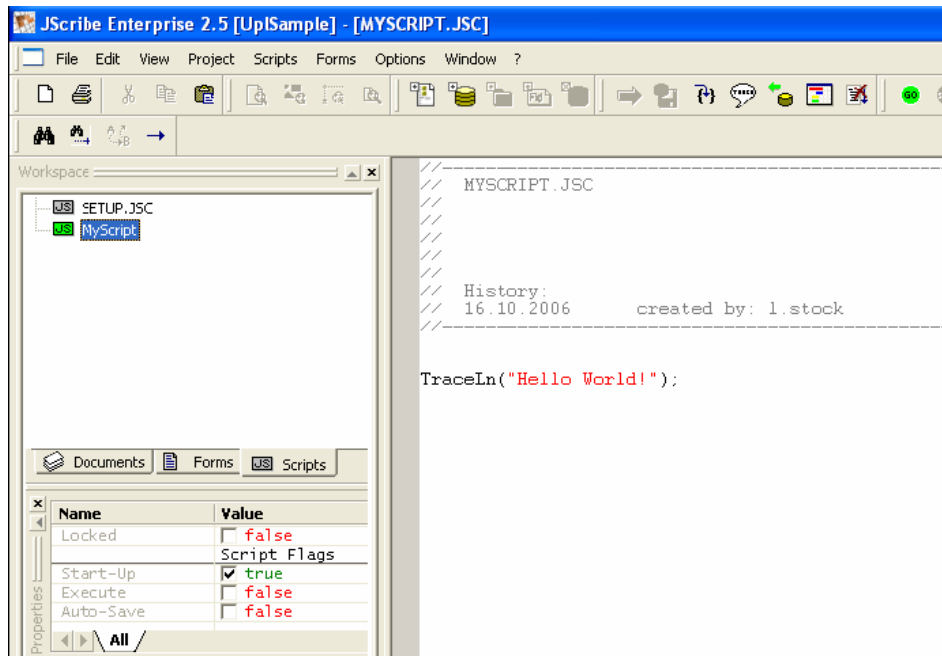


Please remember the location of the project on your hard disk, because you need it again when you want to upload the package with JTalk later.

Now import the SETUP.JSC Script from the JSEP\_SCRIPTS folder.

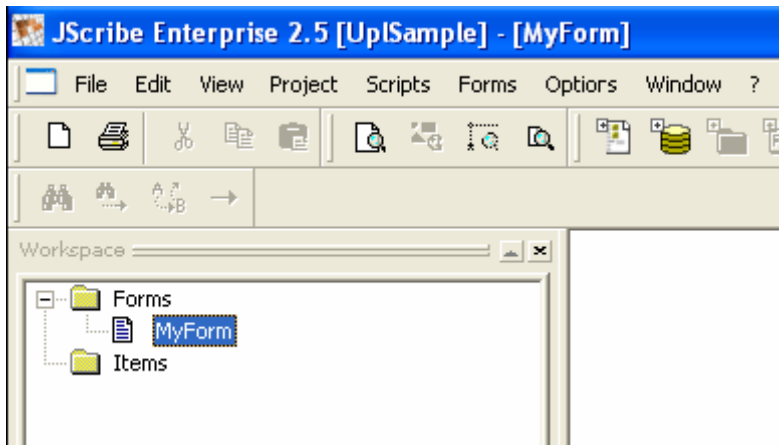


SETUP.JSC script is imported, create a new script with the name MYSCRIPT.JSC with the content "TraceLn("Hello World!");" as shown in the following picture:



Please make sure that the Start-Up property of the script is set to "true".

Now we just add an empty form named MyForm to the project.



In the next step the script SETUP.JSC has to be modified according to your specific project. This will be described now by the paragraphs below.

Specify the application name, package filename and security level as shown below in example. These attributes are mandatory.

```
// Application name
var APP_NAME = " Upl Sample ";
// Application filename
var APP_FILE = "sample.xml";
// Security level of the application
var APP_SECURITY = sADMIN;
```

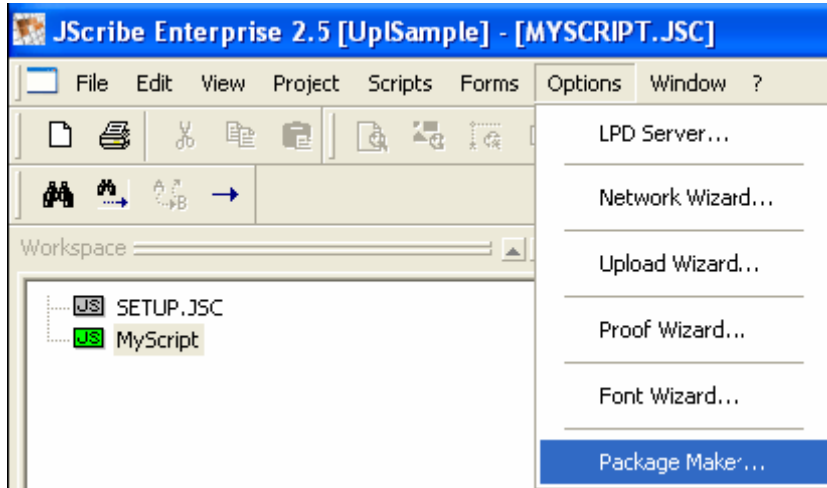
Also some optional attributes could be specified such as application description, version, copyright text, etc.

```
// Application description
var APP_DESCR = "This is an example application";
// Application version
var APP_VER = "1.0";
// Application developer name
var APP_DEV_BY = "Developer";
// Copyright text
var APP_COPY = "Copyright (c) 2007 by Dev Company";
```

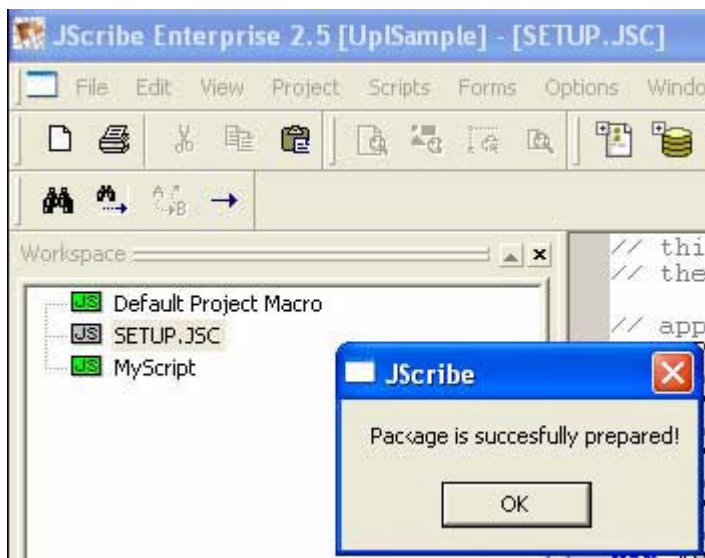
The package can contain forms to be uploaded and other additional files.

```
//
// *****
// The array of additional files to be uploaded
// Each member of array is relative (to project file) path to the file
// Please replace '\' symbols in the path with '\\
// Example:
// arrAddFiles.push("../Files\\1.txt");
// *****
var arrAddFiles = [];
// *****
// The array of forms to be uploaded
// name - name of the form in the project
// type - language of generated PDL of the form can have value "pcl" or "ps"
// Example:
// arrAddForms.push( {name: "Form 1", type: "pcl"} );
// *****
```

After all modifications are made to the SETUP.JSC script, the package will be finally created. Therefore click on Options / Package Maker.



After some second you will see a screen saying that the package was created successfully.



During the package generation a "Default Project Macro" was generated, containing all information necessary to upload and run the package on the JScript® device.

## Additional Information

Additional Information on how to handle and deploy JScript packages can be found in the respective JTalk User Manual.

To provide programmers with a more in-depth introduction to JScript and the JavaScript language, the following sources can be used:

### **JScript Software Development Kit User Manual**

This manual is part of the JSDK Setup Package and describes the functionality and handling of the JSDK environment.

### **JScript 4.3 Language Reference Manual**

This language reference describes the objects, functions, methods and other features of JScript version 4.3. This guide is intended as a reference for advanced JavaScript programmers who are already familiar with basic JScript functions and features. For previous JScript versions, this was known as the Programmer's Reference.

### **JScript Programmers Guide**

This guide contains practical Examples and more in-depth programming scenarios for JScript. This guide is intended for both beginners and advanced programmers – it is a hands-on, how-to guide to using JScript. Familiarity with JavaScript is required.

<http://developer.mozilla.org>

This Web site contains reference information for Core JavaScript and updates to JavaScript.

[www.jscript.de](http://www.jscript.de)

Visit this site frequently for product updates and support.

[JScript@ccp.de](mailto:JScript@ccp.de)

Mail us at any time for more information on JScript or possible training opportunities in your area.