

hagenberg  software

Installation and User Guide

SharePoint Book Management

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Release: 2.0

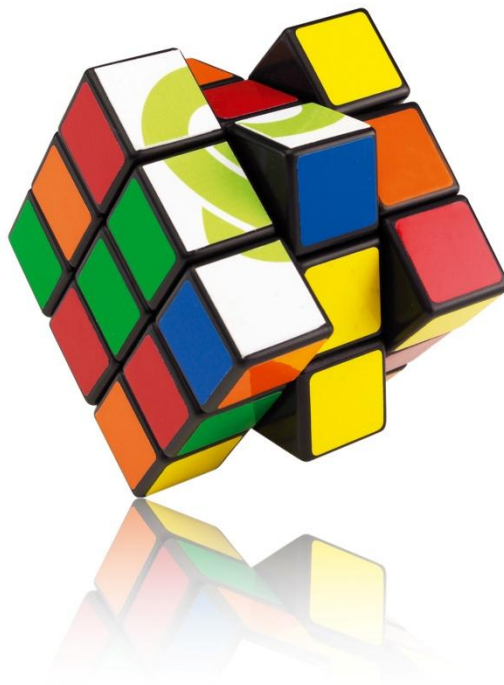


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1. Introduction

SharePoint Book Management is a solution to organize your books in a quite comfortable way. You can easily check the status of a book and display the lending history.

Another nice feature is the automatic import of book information via Amazon Web Service.

The book management solution supports MOSS 2007/WSS 3.0.

2. Product Overview

After installing the book management solution, a new list and three new web part are available for use.

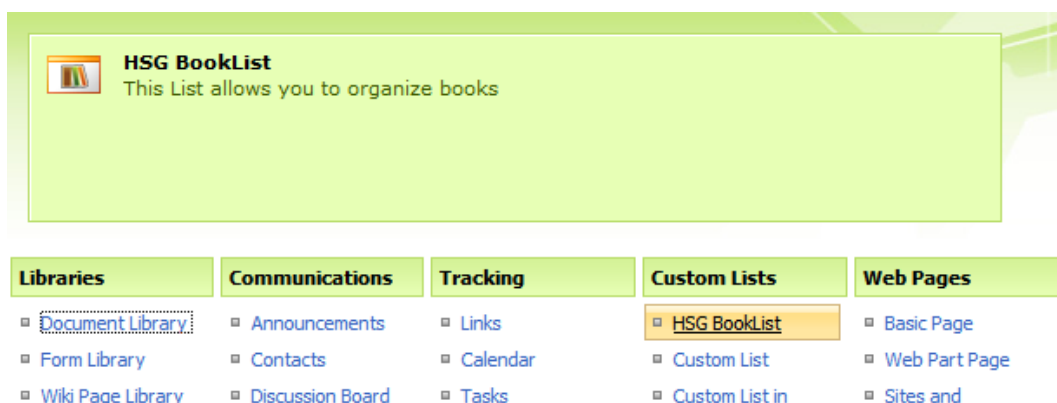


Figure 1: Create HSG BookList

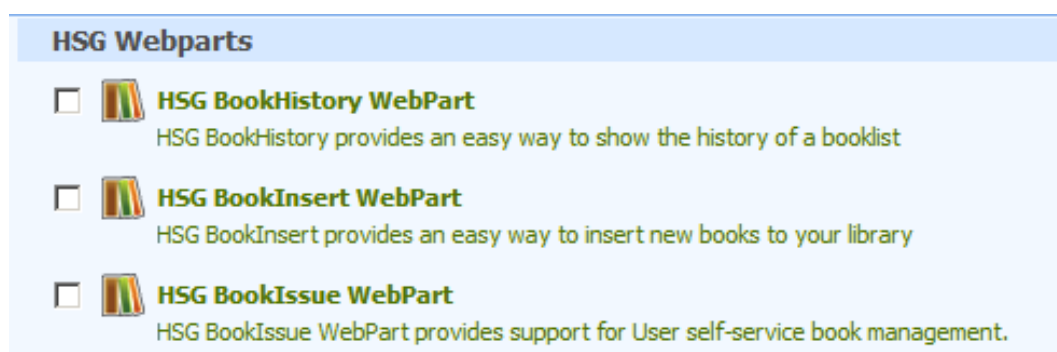


Figure 2: "Book Management Webparts"

HSG BookList contains the following columns:

Column	Description	Required
Title	Title of the book.	✓
ISBN	ISBN number of the book.	✓
Status	Status of the book (available or not available).	✓
Language	The language in which the book is written.	✓
Price	The cheapest price of the book from Amazon.	✓
Authors	The authors of the book.	✓
Category	The category to which the book belongs.	✓
Publisher	The publisher of the book.	
Description	A short description of the book (summary, abstract)	✓
Current Owner	The current owner of the book.	
Issue Date	The date the book was lend out.	
Return Date	The estimated return date.	
Last Owner	The last owner of the book.	
Picture	A picture from the cover of the book.	
Location	Summary text of the news. This text is shown in the webpart.	
Created By	Name of person who created the news element.	
Modified By	Name of person who modified the news element.	

After creating a new *HSG BookList* you can add books manually by clicking the *New* button in the title bar of the list (see Figure 3).

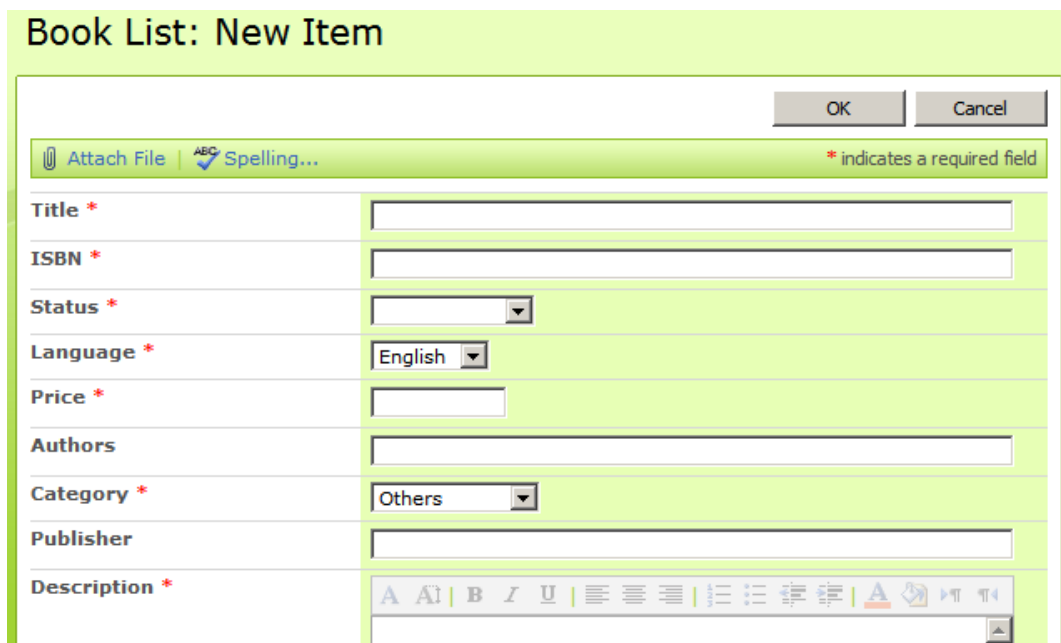


Figure 3: Adding a new book to the book list

On the other hand, you can add a book by means of the *HSG BookInsert* Webpart (see Figure 4). This webpart gathers book information by using Amazon Web Service and inserts it to the configured *HSG BookList*. What you need to do is just inputting an ISBN code of your book. In order to do it, you have to register at the amazon.com homepage once to get a key which is used by the web service to authorize you.

For more information on how to register at amazon.com and get a free key, please see chapter 6. Amazon Web Service might not work sometimes. In such a case, please try both ISBN-10 and ISBN-13 so that it can work.

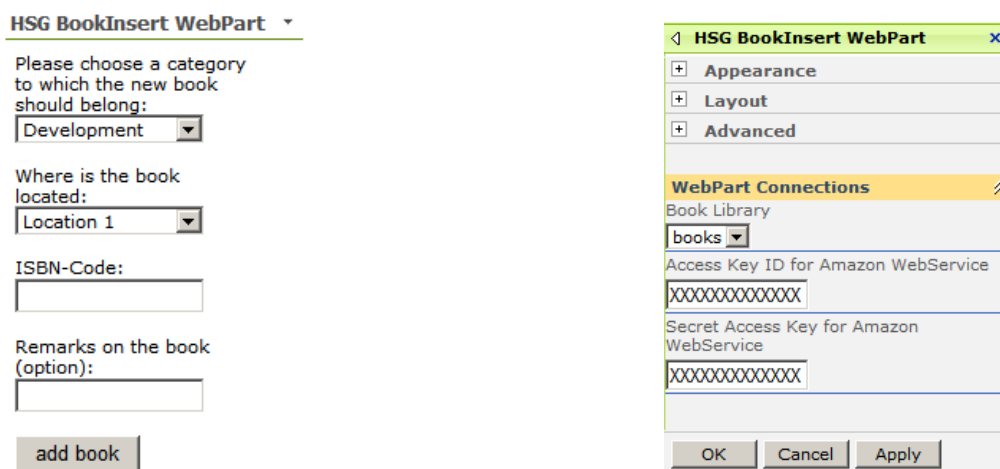


Figure 4: (a) Adding a new book with the HSG BookInsert WebPart which uses the amazon web service (b) Configuration of the WebPart connections

To display the book list you have to add the *HSG BookList* to the desired Sharepoint web page.

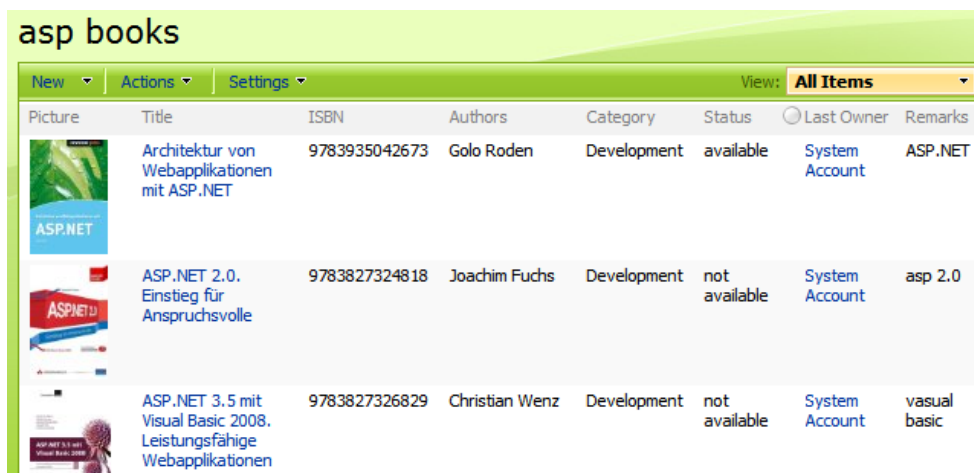


Figure 5: Default view of the HSG BookList

After adding the books to the book list it's possible to lend and return books from this list. Therefore you need the *HSG BookIssue* Webpart which enables you to select a book for lending out and returning (see Figure 6 and 7).

If SharePoint is configured to work with ASP.NET AJAX (see section 4.4), BookIssue Webpart is shown as Figure 7.

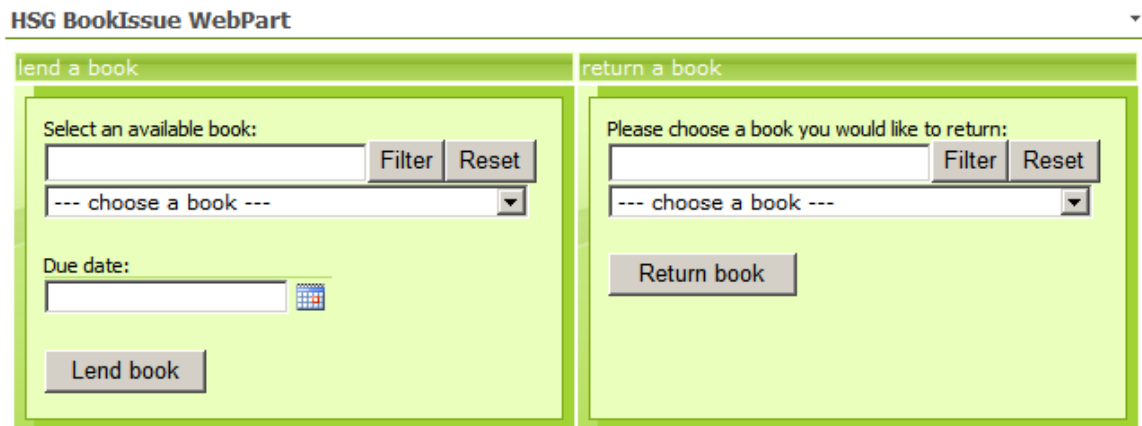


Figure 6: HSG BookIssue Webpart

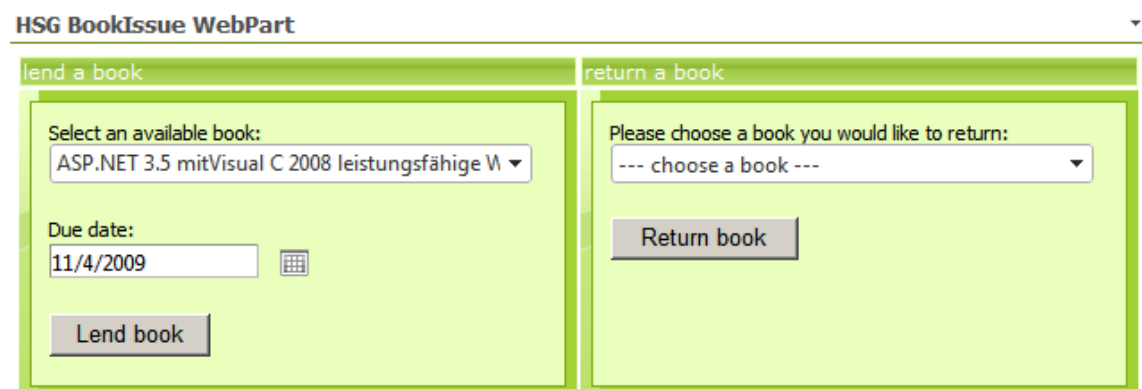


Figure 7: HSG BookIssue Webpart with AJAX

By inputting some characters, the books are filtered in drop down list. You can easily choose the specific book from the book list with this feature.

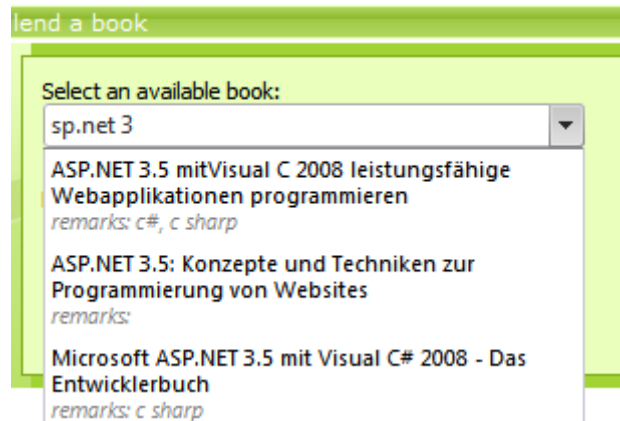


Figure 8: Filtering Books

The following settings are available:

Setting	Description
Select a bookList	Shows all available book lists from site. Select a book list which should be used by the webpart.

As an alternative, it is possible to lend/return books by means of BookList. As shown in Figure 9, there is a button to lend a book.

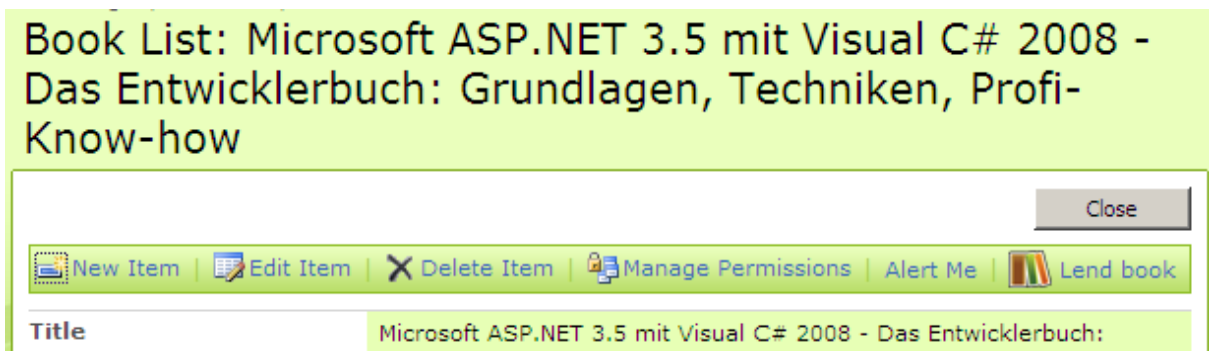


Figure 9: Lend book Button on BookList

It is also possible to return a book in the same way as shown in Figure 10.

Book List: Microsoft ASP.NET 3.5 mit Visual C# 2008 - Das Entwicklerbuch: Grundlagen, Techniken, Profi-Know-how

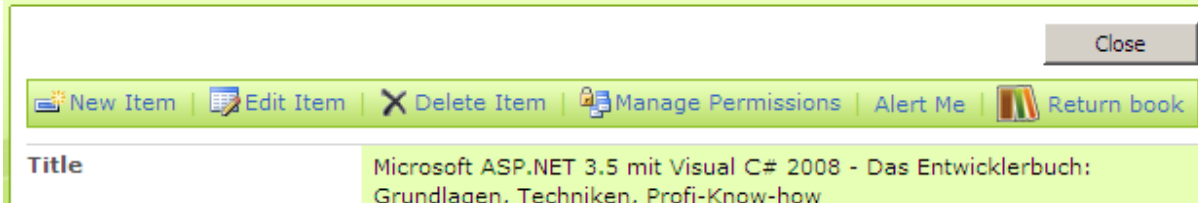


Figure 10: Return book Button on BookList

When lending a book in this way, the current date is set as the due date.


Last but not least you can display the history of your booklists, which means that you can see who has lent and returned a book. Therefore you need the *HSG BookHistory* Webpart. The history of the books is saved in a hidden list called `BookHistoryList_hidden`.

HSG BookHistory WebPart					
Issue Date	Book	Owner	Return Date	Returned	
7/29/2009 9:46 PM	ASP.NET 3.5 mit Visual Basic 2008. Leistungsfähige Webapplikationen programmieren. Mit Visual Studio 2008 Express Edition auf DVD	System Account	8/8/2009	No	
7/28/2009 10:40 AM	ASP.NET 3.5: Konzepte und Techniken zur Programmierung von Websites	System Account	7/28/2009	Yes	
7/28/2009 10:34 AM	Architektur von Webapplikationen mit ASP.NET	System Account	7/28/2009	Yes	
7/28/2009 10:33 AM	ASP.NET 2.0. Einstieg für Anspruchsvolle	System Account	7/29/2009	No	
7/28/2009 10:30 AM	Architektur von Webapplikationen mit ASP.NET	System Account	7/28/2009	Yes	
7/28/2009 10:22 AM	ASP.NET 3.5 mit Visual Basic 2008.	System	7/28/2009	Yes	

Figure 11: Show the book history with the HSG BookHistory WebPart

3. Feature Overview

Feature
A comfortable webpart for inserting new books via Amazon web services
A webpart which allows users to lend and return books from a specific bookList
A webpart for displaying the book history of a specific bookList
Supports both MOSS 2007/WSS 3.0
Supports different views for bookList and bookHistoryList
Supports Internet Explorer and Mozilla Firefox

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4. Installation Guide

4.1. Server Requirements

A server with either Microsoft Windows SharePoint Services 3.0 (with Service Pack 1) or Microsoft Office SharePoint Server 2007 Standard/Enterprise (with Service Pack 1) is required.

If you use AJAX, please download the HSG Web.Config Modifier Setup from the Hagenberg Software SharePoint product homepage.

4.2. Installation

The standard install path to WSS 3.0 or MOSS 2007 is *C:\Program Files\Common Files\Microsoft Shared\web server extensions\12* all necessary program components have to be installed there.

1. Extract the files from the zip folder.
2. Double click the setup.bat file to run the setup. If you do not want to create a log file during the installation you can also double click the msi file to run the setup.

ATTENTION: User must be local administrator and farm administrator!

3. The IIS reset is automatically done by the setup process.
4. If an error occurs during the installation, please read the FAQ's in section 7.
5. Install the SharePoint Book Management on each front-end server of your farm and repeat step 1 to 4.
6. Activate Book Mgmt feature (section 4.3)
7. Step 4.4 is optional to make use of ASP.NET AJAX.

4.3. Book Management – Step by Step

1. Install *HSG Book Management* as described in 4.2
2. Activate the *HSG Book Management Feature* on each site.

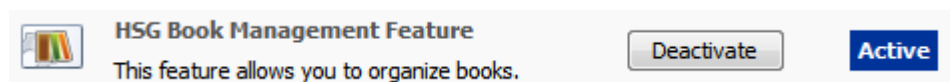



Figure 12: Changes to the Master Page

3. *HSG BookList* and *HSG BookInsert/Issue/History* webpart are available for use.

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4.4. Configuration for AJAX support (optional)

To use AJAX support for the Book Issue Webpart the HSG SharePoint Web.Config Modifier has to be installed before. To activate the AJAX support it is necessary to activate Telerik Controls by activating web application features. The configuration of Telerik Controls is described in the documentation of the HSG SharePoint Web.Config Modifier.

5. Component Activation

In order to register and activate your components start the HSG Activation Wizard.



Figure 13: Activator

Copy the displayed activation key to your clipboard and send it to licensing@hagenberg-software.at or simply click on the displayed link. You will receive an activation file, which can be imported using the Activator.

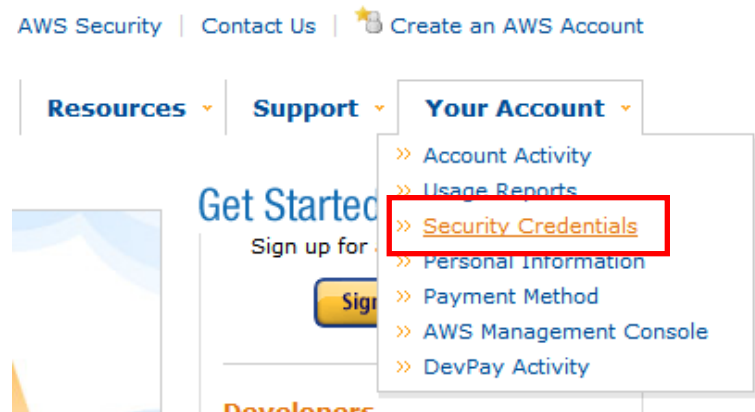
6. How to Get Access Key for the Amazon Web Service

In order to get a free Amazon key you have to register at <http://aws.amazon.com> once.



Figure 14: Amazon WebServices homepage

Click on the “Sign Up Now” – Button and fill in your email address and finish the sign in process. After finishing you get a confirmation email and you can access to your new Access Key ID and Secret Access Key. You can find them in Your Account – Security Credentials.



Copy Access Key ID and Secret Access Key to you clipboard and fill in into the *HSG BookInsert* webpart (see Figure 4).

7. FAQ – Errors and Configuration Settings


1) The following error occurs in WSS/MOSS:

a) **“No ScriptManager found! - Read installation guide.”**
 No Script Manager was found in the master page. Just read documentation of HSG SharePoint Web.Config Modifier.

b) **Web Part Error: A Web Part or Web Form Control on this Page cannot be displayed or imported. The type could not be found or it is not registered as safe.**

Was an old version installed before?


1. Deactivate BookMgmt Feature in Site Actions -> Site Settings -> Site features -> HSG Book Management Feature
2. Open WebPart Gallery in Site Settings -> Web parts
3. Delete following webparts:
 - “HSGBookMgmtIssueWebPart.webpart”
 - “HSGBookMgmtHistoryWebPart.webpart”
 - “HSGBookMgmtInsertWebPart.webpart”

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4. Activate Book Management Feature again

2) The following error occurs when starting the product setup:

- a) **“This installation requires WSS 3.0 or MOSS 2007.”**
WSS 3.0 or MOSS 2007 could not be found on your target system. Please install one of these products and retry the installation.
- b) **“You need to be a farm administrator to install SharePoint Book Mgmt.”**
You are not a farm administrator of the current WSS 3.0/MOSS 2007. Please be sure, that you have the sufficient rights and retry the installation.
- c) **“You need to be an administrator to install SharePoint Book Mgmt.”**
You are not an administrator of the target system. Please be sure, that you have the sufficient rights and retry the installation.
- d) **“This installation requires HSG Web.config Modifier for Ajax 3.5.”**
HSG Web.config Modifier for Ajax 3.5 is not installed on your target system. Please install the product and retry the installation. The setup can be downloaded from <http://www.hagenberg-software.at>.
- e) **“This installation requires HSG Web.config Modifier for Telerik.”**
HSG Web.config Modifier for Telerik is not installed on your target system. Please install the product and retry the installation. The setup can be downloaded from <http://www.hagenberg-software.at>.
- f) **“A later version of SharePoint Book Management is already installed. Setup will now exit.”**
The version of the setup you want to install is older than your current installed version of Book Management. Please download an actual version of the product from the Hagenberg Software SharePoint product homepage (<http://www.hagenberg-software.at>).
- g) **“Deployment wasn’t successfully! Please try it manually from the startmenu.”**
There was an error during the SharePoint solution installation. The solution deployment can be executed manually with the deployment link in the start

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menu. Go to Start->Programs->Hagenberg Software->SharePoint Book Management -> Manual Deployment and click on the HSG Book Management Deployment WSS/MOSS link. There are 2 Deployment files: one for WSS and the other for MOSS. If you select the wrong deployment, the product might not work. After clicking the deployment file a batch file is executed, which deploys the solution on the SharePoint.


3) The following error occurs in the webparts:

a) **Please fill in all required configuration settings for this webpart.**

The error occurs if no bookList is selected for the webpart. Click *Modify Shared Web Part* and check the library settings.

b) **The bookIssue/bookInsert/bookHistory webpart is not available in "Add Webpart..." screen.**

- i) The HSG Book management feature is not activated. Please activate it as described in 4.3.
- ii) The installation process has not been started as farm administrator. Please retry the deployment process manually from the Windows startmenu (All Programs → Hagenberg Software → SharePoint Book Management → Manual Deployment → HSG Book Management – Deployment WSS/MOSS)

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8. Contact

8.1. Company Headquarter

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A-1060 Wien

8.3. E-Mail Addresses

Technical Support: support@hagenberg-software.at

Questions and issues during you licensing process: licensing@hagenberg-software.at

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