



SharePoint News Management Enhanced 2010

Installation and User Guide

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Release: 3.3

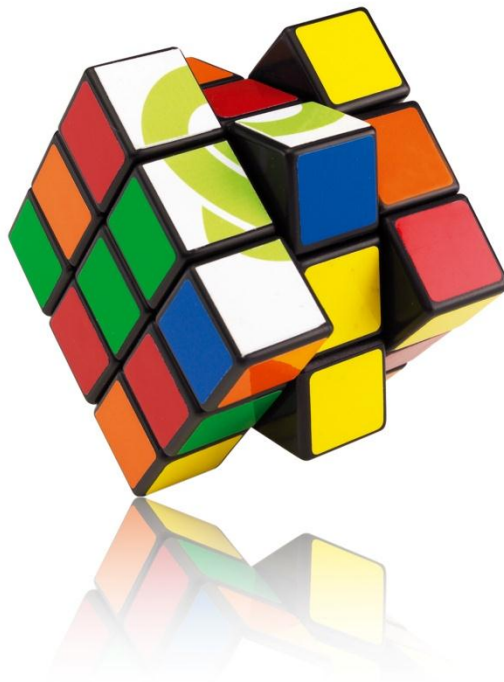


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1. Introduction

SharePoint News Management Enhanced is a solution to manage and display news in a quite comfortable way.

The news management solution supports MOSS 2010/WSS 4.0 SP1.

2. Product overview

After installing the news management solution, a new feature was installed.

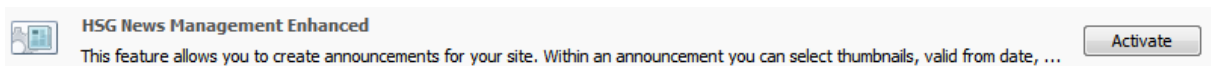


Figure 1: Activate the Feature

The feature has to be activated under "Site Features" to see the list and the new webpart.

2.1. News Enhanced List Type

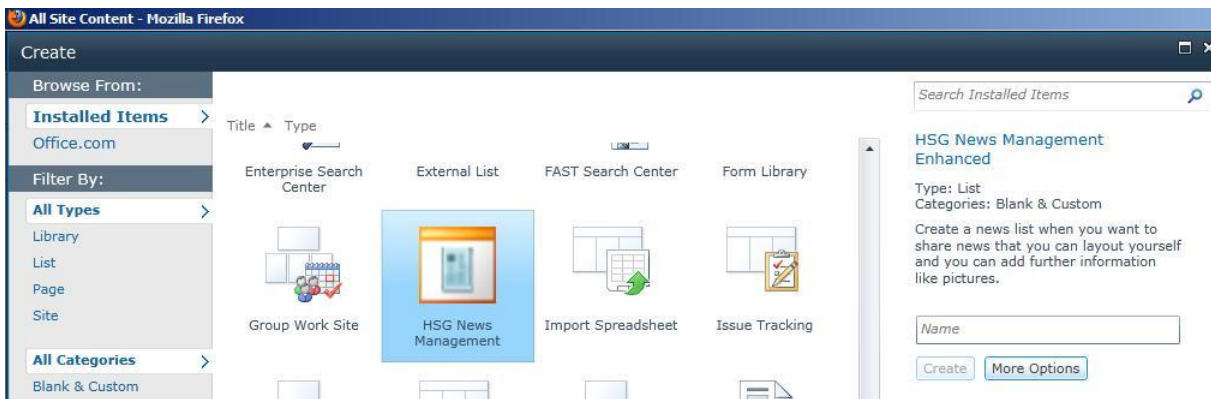


Figure 2: Create news list

2.2. News Enhanced WebPart

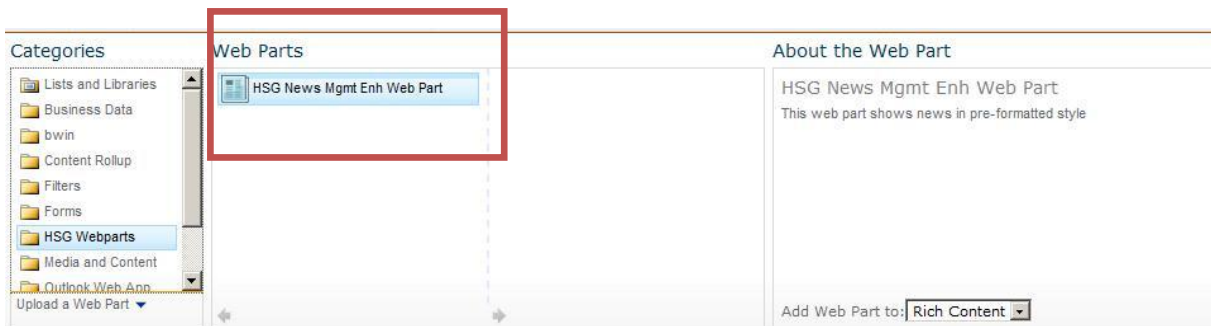


Figure 3: Insert "News Web Part"

The news list is a “custom list” with content type “news”. The list contains the following columns:

Column	Description	Required
Title	Title of the news	✓
Thumbnail	Thumbnail of the news. This image is shown in the webpart.	
Text	Main text of the news. This text is shown in the webpart, when news is shown as main news.	✓
Summary	Summary text of the news. This text is shown in the webpart.	✓
Valid from	News element occurs in webpart when the current date is valid.	✓
Valid to	News element does not occur in webpart, if it is not valid anymore. By default this value is empty, so the news element never expires.	
Pictures	Additional pictures with description.	
Comment	Comments on the item.	
Created By	Name of person who created the news element.	
Modified By	Name of person who modified the news element.	

2.3. ListItem Author Role role

Authorized persons can create news elements and modify existing elements. *SharePoint News Management* provides a separate role profile (ListItem author), which allows news administrators to create, modify and approve news elements. Besides, every other user should have reading permissions for the news list. Otherwise they are not allowed to read any news (both list and webpart).

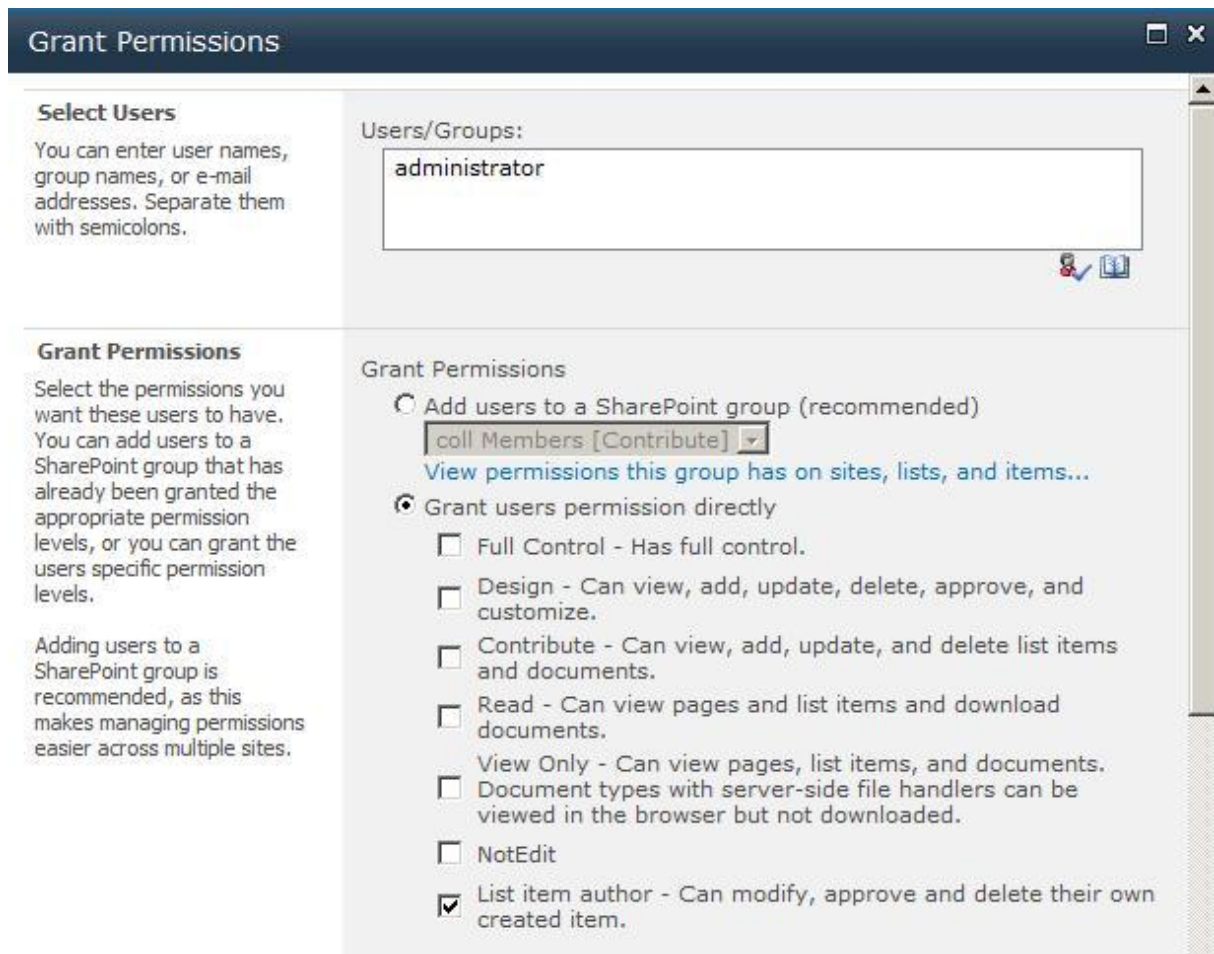


Figure 4: Adding list item author permission

2.4. Create new News Item

News administrators can create news elements. They can save news as a draft or publish the news. Draft versions of news items are only shown to authorized persons (item author or administrators of the news list) and they are never shown in the webpart. Published items are available in the webpart if the validity date is ok.

newsmanagement - New Item

Edit

Save Cancel Paste Cut Copy Attach File Spelling

Commit Clipboard Actions Spelling

Items on this list require content approval. Your submission will not appear in public views until approved by someone with proper rights. [More information on content approval.](#)

Save As Draft Publish Cancel

Title *

Thumbnail

Summary *

Text *

Valid from *

Valid to

Pictures

Save As Draft Publish Cancel

Figure 5: Adding a news item

2.5. Configure the News Enhanced WebPart

Besides the news list, *SharePoint News Management Enhanced* provides a webpart, which displays the news items in different styles. Additionally pictures with description can be attached to the news item.

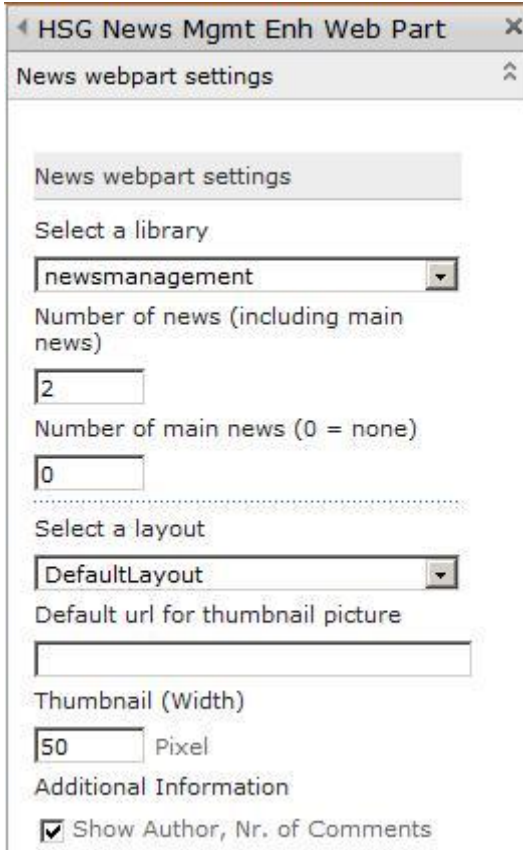


Figure 6: News webpart settings

The following settings are available:

Setting	Description
Select a library	Shows all available news lists from site. Select news list which should be shown in webpart.
Number of news	Number of maximal news displayed.
Number of main news	Number of main news displayed.
Select a layout	Shows available layout styles. Displays the list in selected layout style.
Default url for thumbnail picture	Specifies the URL of a default picture. This picture is displayed, if no thumbnail was selected for a news element.
Thumbnail (Height)	Specifies the height of the rendered thumbnails.

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Show Author, Nr. Of Comments	Displays the author and the number of comments under the news in the webpart. If the comments are not used, only the author is displayed.
------------------------------	---

After adding different news elements the webpart appears with the selected layout style.



Figure 6: Viewing the news webpart

2.6. News Enhanced DetailView

Users can click the title or the *Show detail* button to read further information about the news.

South Africa 2010's unlikeliest star



Forget Forlan, forget Muller, forget Iniesta. If there was one undisputed star of the FIFA World Cup™ just past, it was not any of these on-song stars, but a certain cephalopod over 5,000 miles away.

Forget Forlan, forget Muller, forget Iniesta. If there was one undisputed star of the FIFA World Cup™ just past, it was not any of these on-song stars, but a certain cephalopod over 5,000 miles away. After all, impressive though Forlan and Co were, none could claim that their performances throughout South Africa 2010 were flawless. Paul the octopus, on the other hand, never put a foot, or tentacle, wrong during a month that witnessed his meteoric rise to superstardom - and ended with a transfer tug-of-war. For anyone somehow unaware of what all the fuss was about, Paul's celebrity status was earned by an unblemished run of eight successful predictions from the first round of group matches all the way through to the Final. The method by which Oberhausen Sea Life Centre's most famous resident picked his winners was to eat a mussel from one of two containers, each adorned with the flags of the competing nations. So unerring did he prove that several news channels across Europe began to broadcast Paul's predictions live, while the phrases "Paul the Octopus" and "Pulpo" - the Spanish word for octopus - generated huge internet traffic, taking their place Twitter's top ten global trends.



0 comments

Add your comment

Created at 7/21/2010 10:01 AM by System Account
 Last modified at 7/21/2010 10:22 AM by System Account

Close

Figure 7: Viewing the news in detail

Furthermore users are able to add comments to the news item. The comments are shown below the news text.



0 comments

Cool World Cup!!!

Anonymous

Add your comment

Subscribe Notification

Figure 8: Add a new comment to the news item

3. Feature overview

Feature
A comfortable picture upload field type is included
A custom user permission can be used to define news administrators
Allows users to save news as a draft or to publish them
Supports both MOSS 2007/WSS 3.0
Supports different layout styles
Supports Internet Explorer and Mozilla Firefox
Thumbnails are available
Additional list of pictures for news items with description
Validity date of news items is checked
Image Editor included in Picture Upload Plus

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4. Installation Guide

4.1. Server requirements

A server with either Microsoft Windows SharePoint Services 4.0 (with Service Pack 1) or Microsoft Office SharePoint Server 2010 Standard/Enterprise (with Service Pack 1) is required.

4.2. Installation

The standard install path to WSS 4.0 or MOSS 2010 is *<ProgramFiles>\Common Files\Microsoft Shared\web server extensions\14* all necessary program components have to be installed there.

1. Login to the front-end server of your SharePoint farm as local administrator.
2. Extract the *.msi* file from the zip folder.
3. Double click the *.msi* file to run the setup.

ATTENTION: User must be local administrator and MOSS farm administrator!

4. The IIS reset is automatically done after installation.
5. If an error occurs during the installation, please read the FAQ's in section 7.
6. Install the *.msi* file on each front-end server of your farm and repeat steps 1 to 4.

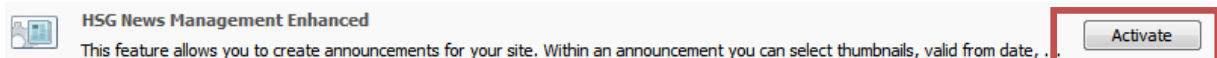
4.3. Configuration

A couple of configurations are necessary to enable full functions of News Management. Picture Upload and Picture Upload Plus, which are parts of News Feature, work with AJAX components to display the picture upload dialog.

See Section 2 of the *Installation and User Guide of SharePoint Picture Upload* or *Installation and User Guide of SharePoint Picture Upload Plus* to finish the configuration.

4.4. News management – step by step

1. Install *SharePoint News Management Enhanced* as described in 4.2.4.2
2. Activate the news management feature on each site.



- News list and news webpart are available for use. Furthermore the picture upload field type is installed.

4.5. Installation on SharePoint Foundation 2010

If you install News Mgmt on SharePoint Foundation 2010 you have to install a separat version of Comment for SharePoint 2010 which is part of the News Mgmt product. Please request this version of "Comment 2010 for SharePoint Foundation" under produkte@hagenberg-software.at.

After installing News Mgmt 2010 on SharePoint Foundation 2010 you can create a new News List. The News Mgmt 2010 list will have 2 colums included, which are only available on SharePoint Server 2010:

Spalten

In einer Spalte werden Informationen zu den einzelnen Elementen in der Liste gespeichert. Die folgenden Spalten sind zurzeit in dieser Liste verfügbar:

Spalte (Klicken Sie hier zum Bearbeiten)	Typ	Erforderlich
Titel	Eine Textzeile	✓
Nachricht	Mehrere Textzeilen	✓
Zusammenfassung	Mehrere Textzeilen	✓
Vorschaubild	Bild Upload	
Gilt ab	Datum und Uhrzeit	✓
Gilt bis	Datum und Uhrzeit	
Kommentar	Kommentar	
Bilder	Bild Upload Plus	
Erstellt von	Person oder Gruppe	
Geändert von	Person oder Gruppe	
<code>\$Resources:spscore,Ratings_AverageRatingFieldName;</code>		Dieses ungültige Feld löschen
<code>\$Resources:spscore,Ratings_RatingCountFieldName;</code>		Dieses ungültige Feld löschen

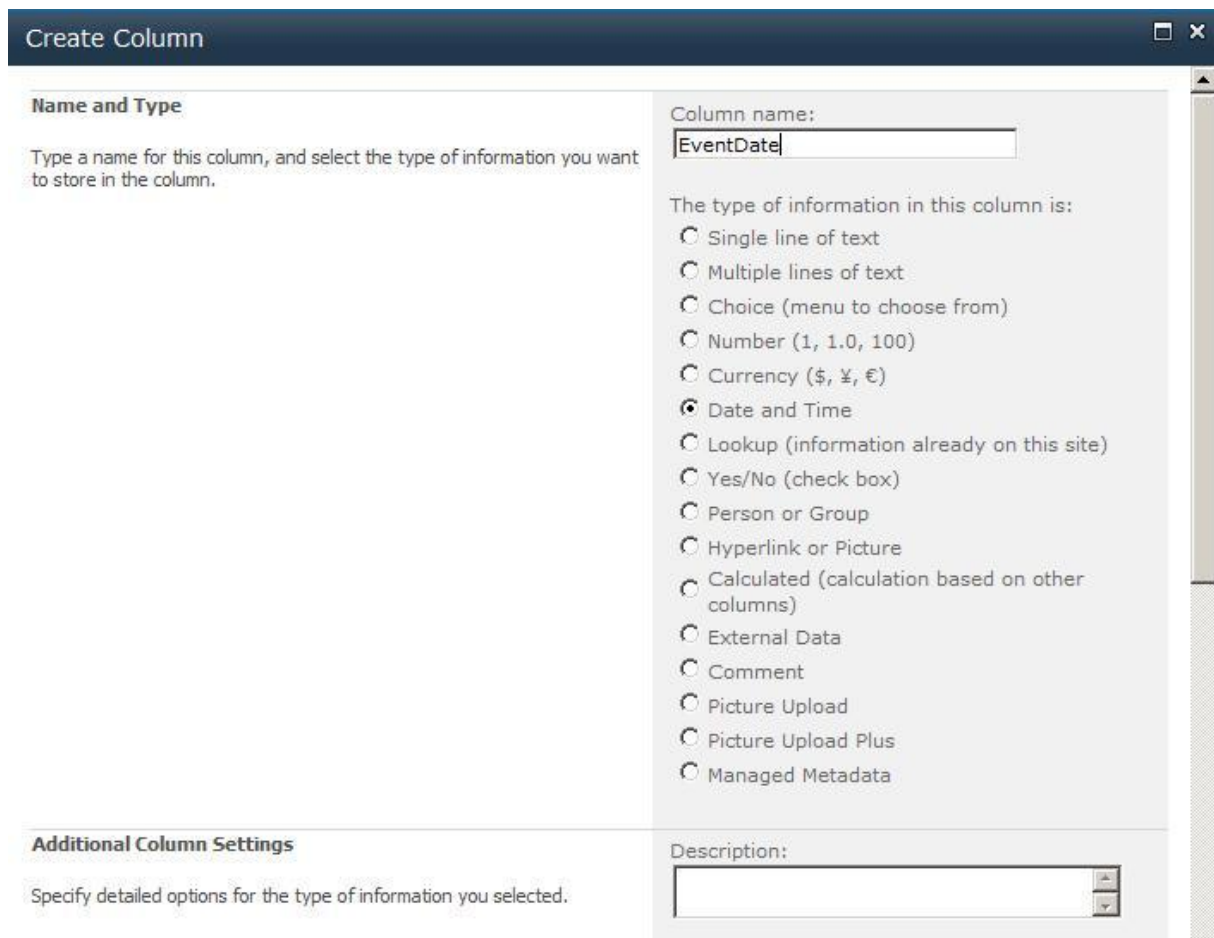
Please remove this 2 colums to use the product on SharePoint Foundation 2010.

5. Customize News List

It is possible to customize the news list and the displayed columns.

5.1. Add new news columns

The author can customize the list columns and is able to add or remove columns. Furthermore the list author could change the columns definition (e.g. if a column is required or not).



Create Column

Name and Type

Type a name for this column, and select the type of information you want to store in the column.

Column name:

The type of information in this column is:

- Single line of text
- Multiple lines of text
- Choice (menu to choose from)
- Number (1, 1.0, 100)
- Currency (\$, ¥, €)
- Date and Time
- Lookup (information already on this site)
- Yes/No (check box)
- Person or Group
- Hyperlink or Picture
- Calculated (calculation based on other columns)
- External Data
- Comment
- Picture Upload
- Picture Upload Plus
- Managed Metadata

Additional Column Settings

Specify detailed options for the type of information you selected.

Description:

Figure 9: Add new news column

After adding a new column to a news list, the new column is available in the news editor view. In this example we add a column with the name "EventDate".

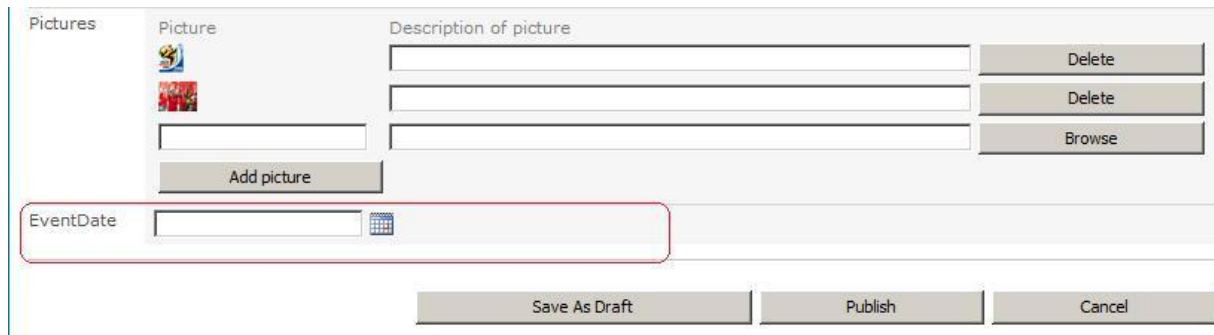


Figure 10: The column "EventDate" appears on the news editor

5.2. Customize Picture Upload Plus

The count of picture columns in the PictureUploadPlus item can be adapted in the column editor.

5.3. Customize Detail View

To change the visualization of the news items, it is possible to change the stylesheet of the news detail page. The stylesheet is a XSLT stylesheet and is located in `<ProgramFiles>\Common Files\Microsoft Shared\web server extensions\12\TEMPLATE\LAYOUTS\hsg\DetailView.xsl`

5.4. Customization example

We like to show the new created column *EventDate* on the news detail view.

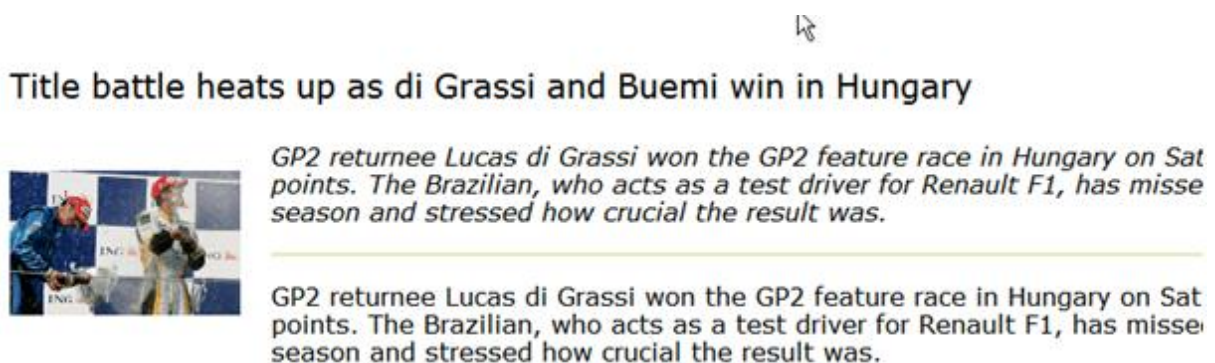


Figure 11: Unchanged news item in detail view

We like to show the *EventDate* under the title. So we customize the *DetailView.xsl*:

```
<xsl:template match="hsg:ObjRow/hsg:RowValues">
  <xsl:param name="fields"/>
  <tr>
    <td colspan="2" class="ms-pagetitle" style="height:50px;" valign="top">
      <xsl:value-of select="./hsg:ObjRowValue[@FieldName = 'Title']"/>
    </td>
  </tr>
</xsl:template>
```

Figure 12: Code shows the description of the news title

Now the new column *EventDate* is added to the title:

```
<xsl:template match="hsg:ObjRow/hsg:RowValues">
  <xsl:param name="fields"/>
  <tr>
    <td colspan="2" class="ms-pagetitle" style="height:50px;" valign="top">
      <xsl:value-of select="./hsg:ObjRowValue[@FieldName = 'Title']"/>
      <b class="ms-descriptiontext">
        <br />
        Event-Date:
        <xsl:value-of select="./hsg:ObjRowValue[@FieldName = 'EventDate']" disable-output-escaping="yes"/>
      </b>
    </td>
  </tr>
</xsl:template>
```

Figure 13: Stylesheet code with new *EventDate* column

To use the value of a specific news column, the column can be accessed with the `<xsl:value-of>` statement. The *FieldName* of the column is the same as defined while creating.

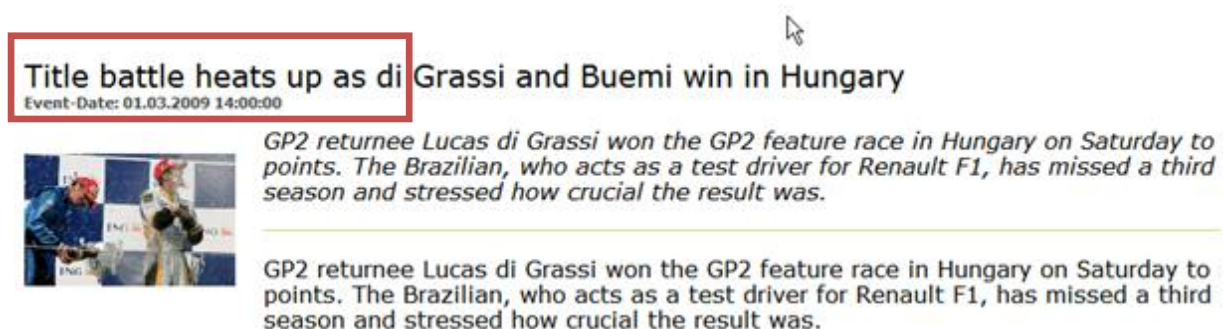


Figure 14: Changed news detail view

5.5. Customize Detail View – Add a *PictureUploadPlus* Column

It is possible to add more than one *PictureUploadPlus* columns to a news list. The *PictureUploadPlus* FieldType is a complex type, which consists of a list of pictures and additional an optional description of each picture.

In the XSLT stylesheet the *PictureUploadPlus* FieldType is implemented with a recursive template call (template name="SplitUrl"). To add an additional *PictureUploadPlus* column to the news detail view following code has to be inserted into the stylesheet:

```
<table>
  <xsl:call-template name="SplitUrl">
    <xsl:with-param name="inputStringLink" select="./hsg:ObjRowValue[@FieldName = 'PicturesLinks']"/>
    <xsl:with-param name="inputStringDesc" select="./hsg:ObjRowValue[@FieldName = 'PicturesDesc']"/>
    <xsl:with-param name="pictUploadWidth" select="./hsg:ObjRowValue[@FieldName = 'PicturesWidth']"/>
    <xsl:with-param name="pictUploadShowDesc" select="./hsg:ObjRowValue[@FieldName = 'PicturesShowDesc']"/>
    <xsl:with-param name="pictUploadColumns" select="./hsg:ObjRowValue[@FieldName = 'PicturesColumns']"/>
    <xsl:with-param name="delimiter" select="./hsg:ObjRowValue[@FieldName = 'Delimitator']"/>
    <xsl:with-param name="counter" select="1"/></xsl:with-param>
  </xsl:call-template>
</table>
```

Figure 15: *PictureUploadPlus* XSLT code

In Figure 14 is the *PictureUploadPlus* column "Pictures" described. The template call has some parameter fields. These parameters are automatically generated when a *PictureUploadPlus* column is created. The different parameters have all fix names: <ColumnName><ParameterName>. So in this case the column name is "Pictures" and the parameters are:

- PicturesLinks
- PicturesDesc
- PicturesWidth
- PicturesShowDesc
- PicturesColumns

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6. Migration

Migrating a web application, which uses the News Management Enhanced solution, from SharePoint 2007 to SharePoint 2010.

Problems:

- The web part displays the following error message: *'Web Part Error: A web part or Web Form Control cannot be displayed or imported. The type could not be found or it is not registered as safe.'*
- The list view (AllItems.aspx) of the list, which contains the news, displays a *'The webpage cannot be found'* error message.

Solutions for the web part error:

- Deactivate 'HSG News Management Enhanced' site feature (Site Actions -> Site Settings -> Manage Site Features).
- Remove web part from web part gallery (Site Actions -> Site Settings -> Web Parts).
- Activate the 'HSG News Management Enhanced' site feature (Site Actions -> Site Settings -> Manage Site Features).
- Manually remove and add again all existing News Management Enhanced web parts.

Solution for the list view error:

- Create new list view for the news list:
 - In SharePoint Designer open current web application and find the news list.
 - In the views section, add new view, insert temporary name and set it as the standard view.
 - Right click on the old list view and select 'Edit file in advanced mode'.
 - On the left hand side find old list view, right click and select delete.
 - On the left hand side find new list view, right click and rename it to 'AllItems.aspx'.
 - Go back to the news list in SharePoint Designer, in the views section rename new list view to 'All Items'.

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Important: The 'HSG.SharePoint.WCM.Telerik35' feature has to be enabled on the web application (Central Administration -> Application Management -> Manage web applications -> Manage Features).

7. Licensing

All HSG products are single Web Front End Server licensed. For test environments a separate test license can be ordered for free in connection with a productive license. If you have questions concerning the licensing procedure please contact licensing@hagenberg-software.at.

8. Component Activation

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

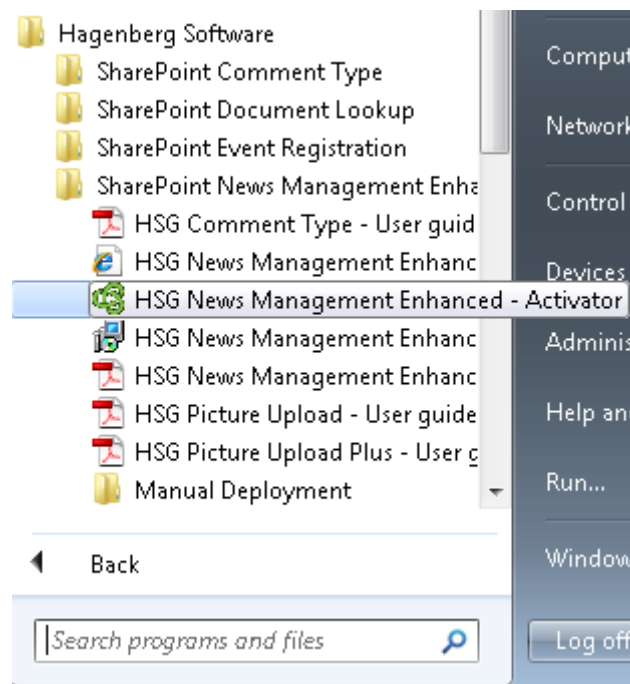


Figure 16: Activator

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.

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9. FAQ – Errors and configuration settings

- 1) The following error occurs when starting the product setup:
 - a) **“This installation requires WSS 4.0 or MOSS 2010.”**
 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 News Management.”**
 You are not a farm administrator of the current WSS 4.0/MOSS 2010. Please be sure, that you have the sufficient rights and retry the installation.
 - c) **“You need to be an administrator to install SharePoint News Management.”**
 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 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>.
 - e) **“A later version of SharePoint News 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 What’s new Webpart. Please download an actual version of the product from the Hagenberg Software SharePoint product homepage (<http://www.hagenberg-software.at>).
 - f) **“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 menu. Go to Start->Programs->Hagenberg Software->SharePoint <Product> -> and click on the HSG <Product> Deployment link. A batch file is executed, which deployed the solution on the SharePoint.

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2) You find the following error in the installation log-file:

a) **"Object reference not set to an instance of an object"**

This error seems to occur if the user which is installing the solution has insufficient rights (e.g. is not SharePoint farm admin). Please retry the deployment process manually from the Windows startmenu (All Programs → Hagenberg Software → SharePoint News Management Basic → HSG News Management Basic - Deployment).

b) **"HSGNewsManagment.wsp" does not exist in the solution store**

- i) The warning occurs if the desired SharePoint solution is installed for the first time. The installer tries to uninstall a previous version of this product, but for the first installation there is no previous version.
- ii) The warning may occur during uninstalling the SharePoint solution. This happens if the solution was retracted / deleted manually from the SharePoint before.

3) You receive the following error in news webpart:

a) **Error on getting list "listname"**

- i) The error occurs if a user or group does not have necessary rights to read the news. Check the permissions for the news list and add read permissions for user or group.
- ii) The error occurs if the selected list is not available any more (list has been deleted). Click *Modify Shared Web Part* and check the library settings.

b) **Please configure the URL for the news list to display.**

The error occurs if no list is selected for the webpart.

Click *Modify Shared Web Part* and check the library settings.

c) **Please configure the layout style for the news list to display.**

The error occurs if no style is selected for the webpart.

Click *Modify Shared Web Part* and check the layout settings.

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d) **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.**

i) Restart IIS.

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 News Management Basic → HSG News Management Basic - Deployment).

4) The news webpart is not available in "Add Webpart..." screen.

The news feature is not activated. Please activate it as described in 4.3.

5) 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.

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10. Contact

10.1. Company Headquarter

Hagenberg Software GmbH
Softwarepark 35
A-4232 Hagenberg/Mühlkreis

E-Mail: office@hagenberg-software.at
Web site: <http://www.hagenberg-software.at>

10.2. Branch Office

Hagenberg Software GmbH
Mariahilfer Straße 47/5
A-1060 Wien

10.3. E-Mail Addresses

Technical Support: support@hagenberg-software.at

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

You are interested in more HSG SharePoint Products? You need information on other MOSS solutions by Hagenberg Software GmbH? You would like to receive a call from our MOSS specialists? sales@hagenberg-software.at