

ENGG 1803 – Professional Engineering 1

Your Online Logbook and e-Portfolio

1. Background

Practising engineers must stay abreast of the rapidly changing environment in which they work to remain effective and to provide essential services that are both functional and efficient. To do this, they must be aware of matters of concern to the engineering profession that appear daily in newspapers, magazines, journals, on the television and the Internet. They must also be able to discuss these issues and to present their views in a logical and yet forthright manner with their clients, colleagues and members of the community. Clear, concise and accurate records must also be kept.

2. Aim

As part of this course, an engineering logbook is to be maintained online using a web log (blog). The logbook will consist of at least one article of engineering interest that appeared in the media during the week, relevant to the topic of that week, as listed below:

Week 1:	Teamwork
Week 2:	Creativity Project Management
Week 3:	Leadership
Week 9:	Ethics
Week 10:	Professional Liability
Week 11:	Occupational Health & Safety
Week 12:	Environmental Sustainability
Week 13:	A summary of how you have applied or used each of these seven skills or orientations in your project (400 words)

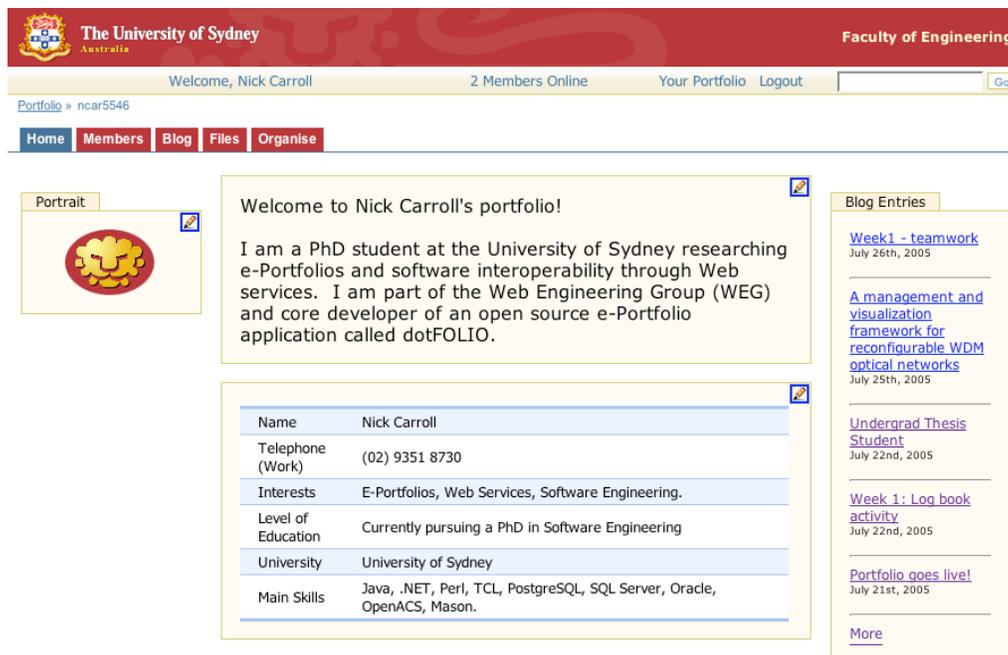
For each of these seven topics, the news item (if radio a transcript would be appropriate; for a television article, a précis should be provided) is to be uploaded/added to the “Files” section of your e-Portfolio as either a Word document, PDF or URL to an online source. You then have to create a blog entry for the news item in the “Blog” section of your e-Portfolio, and “clip” it to your uploaded news item. Your blog entry must discuss the significance of the news item and its importance to the engineering profession. This discussion should be original and not a paraphrase of the article. It should be 250-300 words. It is your ideas that are important, not just those of the author of the article. Your blog entries should be made in the relevant week. **(Don’t leave it till the end of semester!).**

3. Introduction to your e-Portfolio

All students in ENGG 1803 Professional Engineering 1 will be issued an e-Portfolio. An e-Portfolio is synonymous to an artist's portfolio, in which an artist will construct a collection of their works that best conveys their style, skills and talent. In much the same way, an e-Portfolio is a collection of evidence that demonstrates a learner's skills and competencies.

You should by now have received an email containing details for the location of your e-Portfolio. Use your MyUni key to log in to your e-Portfolio.

Log in to your e-Portfolio and select the "Home" tab to visit your home page. Each box on your home page is called a portlet. You are able to edit the content of a portlet if you see an edit icon  in the top right corner of each box.



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Australia

Faculty of Engineering

Welcome, Nick Carroll 2 Members Online Your Portfolio Logout

Portfolio » ncar5546

Home Members Blog Files Organise

Portrait

Welcome to Nick Carroll's portfolio!

I am a PhD student at the University of Sydney researching e-Portfolios and software interoperability through Web services. I am part of the Web Engineering Group (WEG) and core developer of an open source e-Portfolio application called dotFOLIO.

Name	Nick Carroll
Telephone (Work)	(02) 9351 8730
Interests	E-Portfolios, Web Services, Software Engineering.
Level of Education	Currently pursuing a PhD in Software Engineering
University	University of Sydney
Main Skills	Java, .NET, Perl, TCL, PostgreSQL, SQL Server, Oracle, OpenACS, Mason.

Blog Entries

[Week1 - teamwork](#)
July 26th, 2005

[A management and visualization framework for reconfigurable WDM optical networks](#)
July 25th, 2005

[Undergrad Thesis Student](#)
July 22nd, 2005

[Week 1: Log book activity](#)
July 22nd, 2005

[Portfolio goes live!](#)
July 21st, 2005

[More](#)

Figure 1. The e-Portfolio Home page.

You can customize your e-Portfolio by uploading a portrait of yourself. Then add a welcome note, and display some information about yourself.

4. Uploading Files to your e-Portfolio

Click the "Files" tab in your e-Portfolio. You should see a page that looks like Figure 2. In Figure 2, the portlet to the left is the "Clipper" tool that we will describe in more detail below. The portlet to the right is the file storage area. The grey buttons to the top of the file storage portlet show the options available to you. These options are:

- Add a file (of any type, eg Word, PDF, RTF, JPG, GIF, etc)
- Create a URL (a bookmark facility for your web sites)

- Create a new folder (organise your files and URLs into folders)
- Delete a folder
- Edit a folder to change the name of the folder
- Modify permissions on a folder to limit access to your files

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Welcome, Nick Carroll 3 Members Online Your Portfolio Logout

Portfolio » near5546 » Files

Home Members Blog Files Organise

Clipper

Related Items

Add Related Items

Clipboards

Clip this item to:

General

Go

Item has been viewed 27 times by 3 unique visitors.

Files

Add File Create a URL New Folder Delete this folder

Type	Name	Size	Last Modified
URL	My Other Blog	bytes	07/12/05
URL	Web Engineering Group	bytes	07/12/05
PDF	A management and visualization framework for reconfigurable WDM optical networks network_jeee.pdf	134 kb	07/25/05
Microsoft Word	Week1: Log Book Activity week1.doc	574 kb	07/22/05

Move Copy Delete

[Download an archive of the contents of this folder](#)

Note: This may take a while, please be patient.

You may [request notification](#) for Files.

Figure 2. File storage portlet in your e-Portfolio

To upload your news item, click on the “Add File” button. You will be taken to a page that looks like Figure 3.

Home Members Blog Files Organise

Upload a file Browse...

Title

Description:

Spellcheck: No

Multiple files: This is a ZIP file containing multiple files. Expect a long upload time for large files. You may minimize your browser while waiting.

OK

* required

Figure 3. Upload a file.

On the file upload page, select the “Browse...” button to display a file chooser dialog. Navigate your file system using the dialog box, and select a file that you would like to

upload to your e-Portfolio. Next, enter a title for your file, and a brief description. Finally, click on the “OK” button to upload your file. You’ll be taken back to the file storage portlet, which should now be displaying your uploaded file.

Important: To complete your upload, click on the “properties” link next to your uploaded file. The properties page will display more details about your uploaded file. **Now**, clip the file or URL to the “General” clipboard in the Clipper panel by clicking on the “Go” button adjacent to the clipboard drop-down menu. This step adds your file or URL to a clipboard, so that you can later on relate a blog entry back to this resource.

5. Adding a Blog Entry to your e-Portfolio

Click on the “Blog” tab in your e-Portfolio to access your blogging application. You should see a page that looks like Figure 4.

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Welcome, Nick Carroll 2 Members Online Your Portfolio Logout

Portfolio » ncar5546 » Blog

Home Members **Blog** Files Organise

Week1 - teamwork

dfgsgdfgsg

10:48 AM, 26 Jul 2005 by Nick Carroll [Permalink](#) | [Comments \(0\)](#) | [Edit](#) | [Unpublish](#) | [Delete](#)

A management and visualization framework for reconfigurable WDM optical networks

As the phenomenal advance in optical WDM **networking** technologies continues, optical WDM **network** equipment has been deployed not only in backbone **networks**, but also in regional, metropolitan, and access networks. It is widely believed that a major component of the next-generation Internet will be an IP-based optical **network** employing WDM. WDM wavelength routing and signaling have become an active research field, and dynamic and adaptive wavelength routing and assignment algorithms have been proposed.

09:42 PM, 25 Jul 2005 by Nick Carroll [Permalink](#) | [Comments \(0\)](#) | [Edit](#) | [Unpublish](#) | [Delete](#)

ARCHIVE

August 2005

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

[July 2005](#)

ACTIONS

- [Add Blog Item](#)
- [Draft entries](#)
- [Administer](#)

NOTIFICATIONS

You may [request notification](#) for Blog.

SYNDICATION FEED

[XML](#)

Figure 4. The Web Log (Blog)

Figure 4 shows the blog with one blog entry titled “Hard day’s work”, followed by the contents of the blog.

To add an entry to your blog, click on the “Add Blog Item” link. You will be taken to a page where you need to enter a title and content for your blog entry. You can blog about anything you want, however for your weekly news item blogs you should use a suitable title such as “Week1: Teamwork” to show clearly that the blog entry corresponds to your assessment.

For the Post Status drop down menu, select “Publish” to publish your blog entry. If you do not change the Post Status, then your blog entry will be submitted as a “Draft” version by default. You can easily change the status later on to “Publish” by editing your blog entry.

Click “OK” to post your blog entry.

6. Clipping your File to your Blog Entry

Finally, you need to “relate” your blog entry to the news item you uploaded.

If you haven’t added your article to the clipboard as suggested in Section 4, then do so now. Otherwise skip this paragraph. Go back to the Files tab and find the file you had previously uploaded. Click the “properties” link adjacent to the file or URL that you had uploaded. This will display a page containing more information about the file. Now add the file or URL to the General clipboard (refer to Figure 5) by clicking on the “Go” button next to the clipboard drop-down menu.

Clipboards

Clip this item to:



General ▼ Go

Figure 5. Clipboard categories.

Now click on the “Blog” tab in your e-Portfolio. Scroll down the blog page until you find the blog entry that you want to clip to the news item. Click on the “permalink” link to view the contents of the blog entry. You will see the “Clipper” portlet appear to the left of your blog entry. Click on the “Add Related Items” button (shown in Figure 6) to clip the blog entry to items that appear on your clipboard.

Related Items



Add Related Items

Figure 6. Related items

You should now see a table similar to that shown in Figure 7. Click the check box next to your news item in the list, and then click on “Clip It” to clip the selected items to your blog entry.

<input type="checkbox"/>	Type	Item	Clipboard	Clipped on
<input type="checkbox"/>	Blog Entry	Undergrad Thesis Student	General	07/22/05
<input type="checkbox"/>	Blog Entry	Adding depth to project/thesis	General	07/22/05
<input checked="" type="checkbox"/>	Content Item	week1.doc	General	07/22/05

Relate

Figure 7. Clipboard items that have been added to the “General” clipboard, and those that have been “viewed”.

When you return back to your blog entry, you should now see a list of clipped items below your blog entry. This list should contain an entry for your news item as shown in Figure 8.

Home	Members	Blog	Files	Organise
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Clipper

Related Items
[Add Related Items](#)

Clipboards
Clip this item to:

General

Item has been viewed 4 times by 2 unique visitors.

A management and visualization framework for reconfigurable WDM optical networks

As the phenomenal advance in optical WDM **networking** technologies continues, optical WDM **network** equipment has been deployed not only in backbone **networks**, but also in regional, metropolitan, and access networks. It is widely believed that a major component of the next-generation Internet will be an IP-based optical **network** employing WDM. WDM wavelength routing and signaling have become an active research field, and dynamic and adaptive wavelength routing and assignment algorithms have been proposed.

09:42 PM, 25 Jul 2005 by Nick Carroll [Permalink](#) | [Edit](#) | [Unpublish](#) | [Delete](#)

[Add comment](#)

Related Item	Type	Created By	Created On
network_ieee.pdf	Content Item	Nick Carroll	2005-07-25 21:42 Remove

Figure 8. The end result.