

Referencing in your Dissertation Report

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Hello

Referencing

Referencing (1)

Why do we Reference?

- Referencing is done to help avoid plagiarism
- You **must** cite your reference when you do any of the following:
 - use a direct quote
 - paraphrase something you have read
 - summarise what someone else has said
 - inclusion of data, images and diagrams that you have not created yourself

Referencing (2)

Elements of Referencing

- There are two elements to referencing:
 - in-text citations
 - a list of references (bibliography)

In-text Citations

- A short reference that goes in the body of the text
- Includes the authors/company's name and the year of publication
 - may include page numbers if relevant

List of References

- Comes at the end of the report
- Provides the additional information to the in-text citation
 - i.e. title and publisher
- Presented in alphabetical order by author and a single list

Referencing (3)

How to Reference: Authors

- There are various different formatting methods when it comes to referencing authors

One or two Authors

- Use all their names in both the in-text citation and list of references
- Example for in-text citation:
 - (Cornelius & Richards, 2022)
- Example for list of references:
 - Cornelius, I., & Richards, T. (2022). *Referencing in 6047CEM* (1st ed.). Coventry University.

No Authors

- Cannot find a name? use the company or organisation's name
- Example for in-text citation:
 - (Coventry University, 2022)
- Example for list of references:
 - Coventry University (2022). *Referencing in 6047CEM*. <http://github.coventry.ac.uk/pages/CUEH/6047CEM/> [Accessed 21st November 2022]

3+ Authors

- Use the first name of the author, followed by *et al.* for an in-text citation
- You must list all authors for the list of references
- Example for in-text citation:
 - (Cornelius et al., 2022)
- Example for a list of references:
 - Cornelius, I., Richards, T., & Goldsmith, D. (2022). *Referencing in 6047CEM* (2nd ed.). Coventry University.

Referencing (4)

How to Reference: In-text Citations

- Two acceptable methods to using in-text citations in your report:
 1. Parenthetical
 2. Narrative

Parenthetical

- All information pertaining to the reference is included at the end of the sentence in brackets
 - the citation should be before the full-stop/period ('.')

"There was a lot of misconceptions when it came to use of in-text citations and the location of the citation itself. (Cornelius, 2022)."

Narrative

- The author's name is included in the structure of the sentence
- The year of publication for the source should be provided in brackets
 - placed just after the author's name
- If quoting a page number, it should be placed at the end of the sentence

"Cornelius (2022) stated in their work that "there was a lot of misconception when it comes to the use of in-text citations" (p. 1)."


Referencing (5)

How to Reference: Figures and Tables

- Labels are used to describe what the figure or table is showing
- For Figures, pre-fix the label with **Figure** followed by the chapter number and sequential number of the figure
 - i.e. **Figure 1.1** is the first figure in the introduction chapter
- For tables, pre-fix the label with **Table** followed by the chapter number and sequential number of the table
 - i.e. **Table 4.5** is the fifth table in the fourth chapter
- If you have copied information from a publication, you must provide an in-text citation
 - this would be provided inside the caption for the figure or table
 - i.e. **Figure 5.6. Peoples favourite fruit (Cornelius, 2022).**

Referencing (6)

Reference Formatting

	Source	In-text Citation	Reference List
	Books	[@KostCharlesP.author2015Sqrs, p. 204]	Kost, C. P. (2015). <i>Student quick reference success guide to writing in the APA 6th edition style</i> .
	Journal	[@TyagiVirat2021EHaA, p. 236]	Tyagi, V. (2021). Ethical hacking and advance python. <i>International Journal for Research in Applied Science and Engineering Technology</i> , 9(5), 234–239.
	Website (Author)	[@Cornelius6047CEM]	Cornelius, I. (n.d.). <i>6047CEM - cyber security report</i> . https://github.coventry.ac.uk/pages/CUEH/6047CEM/
	Website (No Author)	[@NoAuthor6047CEM]	<i>6047CEM - cyber security report</i> . (n.d.). https://github.coventry.ac.uk/pages/CUEH/6047CEM/

Referencing (7)

Reference Managers

- Great for keeping track of papers, books or articles you have read
- Various methodologies for doing this:
 - LaTeX: create a .bib file with all your BibTex sources
 - Microsoft Word: Mendeley, RefWorks etc.
- Provides assistance to reference correctly
 - i.e. Microsoft Word has a built-in Mendeley plugin

Referencing using LaTeX

Referencing using LaTeX (1)

Sourcing LaTeX References

- LaTeX uses a bibliography management package known as `bibtex`
 - uses a database of references, a file with a `.bib` extension
- Requires using a package called `natbib` to make citations
- Google Scholar provides a BibTeX entry for each paper you source

Example of a Google Scholar Paper Entry

The screenshot shows a 'Cite' dialog box with the following content:

MLA Cornelius, Ian, James Shuttleworth, and Sandy Taramonli. "A dynamic Markov model for n th-order movement prediction." *2017 4th International Conference on Systems and Informatics (ICSAI)*. IEEE, 2017.

APA Cornelius, I., Shuttleworth, J., & Taramonli, S. (2017, November). A dynamic Markov model for n th-order movement prediction. In *2017 4th International Conference on Systems and Informatics (ICSAI)* (pp. 430-436). IEEE.

Chicago Cornelius, Ian, James Shuttleworth, and Sandy Taramonli. "A dynamic Markov model for n th-order movement prediction." In *2017 4th International Conference on Systems and Informatics (ICSAI)*, pp. 430-436. IEEE, 2017.

Harvard Cornelius, I., Shuttleworth, J. and Taramonli, S., 2017, November. A dynamic Markov model for n th-order movement prediction. In *2017 4th International Conference on Systems and Informatics (ICSAI)* (pp. 430-436). IEEE.

Vancouver Cornelius I, Shuttleworth J, Taramonli S. A dynamic Markov model for n th-order movement prediction. In *2017 4th International Conference on Systems and Informatics (ICSAI)* 2017 Nov 11 (pp. 430-436). IEEE.

Buttons: BibTeX, EndNote, RefMan, RefWorks

Example of a BibTeX Entry

```
@inproceedings{cornelius2017dynamic,
  title={A dynamic Markov model for n th-order movement prediction},
  author={Cornelius, Ian and Shuttleworth, James and Taramonli, Sandy},
  booktitle={2017 4th International Conference on Systems and Informatics (ICSAI)},
  pages={430--436},
  year={2017},
  organization={IEEE}
}
```

Reference using LaTeX (2)

Structure of the BibTeX File

- BibTeX's entries will be located in the database file (.bib)
- There are different categories for references:
 - `inproceedings`: refers to a paper published from a conference
 - `phdthesis`: refers to a report published as part of a PhD thesis
 - `journal`: refers to an article published in an academic journal
 - `book`: refers to a book

Example of a BibTeX Database: `inproceedings`

```
@inproceedings{cornelius2017dynamic,  
  title={A dynamic Markov model for n th-order movement prediction},  
  author={Cornelius, Ian and Shuttleworth, James and Taramonli, Sandy},  
  booktitle={2017 4th International Conference on Systems and  
            Informatics (ICSAI)},  
  pages={430--436},  
  year={2017},  
  organization={IEEE}  
}
```

Example of a BibTeX Database: `phdthesis`

```
@phdthesis{cornelius2019dynamic,  
  title={A Dynamic Stochastic Model for Real-time Analysis and  
        Predictions for Movement Exhibited by an Object},  
  author={Cornelius, Ian},  
  year={2019},  
  school={Coventry University}  
}
```

Reference using LaTeX (3)

Citing References in a LaTeX Report

- In-text citations are made using either:
 - `\citet{Name_of_BibTeX_Entry}`
 - provides a narrative citation: e.g. "Cornelius (2017)"
 - `\citep{Name_of_BibTeX_Entry}`
 - provides a parenthetical citation: e.g. "(Cornelius, 2017)"
- Add an asterisk (*) to the end of the above commands, to provide all surnames of the authors

Creating a Bibliography/List of References

- Bibliography or list of references is created by using:
 - `\bibliographystyle{Reference_Style}`
 - include a `.csl` for the appropriate referencing style
 - `\bibliography{BibTeX_Database.bib}`
 - refers to the database file for BibTeX entries

Reference using LaTeX (4)

Compiling the LaTeX Report

- Building your report requires:
 1. Compiling the report using `pdflatex`
 2. Compiling the bibliography database using `bibtex`
 3. Compiling the report using `pdflatex`
 4. Compiling the report using `pdflatex`
- A handy `Makefile` is provided with the template to compile your report
 - only works for a Linux environment
 - need a Windows script? Ask!
- Report and Project Proposal Template:
 - [LaTeX Template](#)

Referencing using Microsoft Word

Referencing using Microsoft Word (1)

How to reference with Microsoft Word

- Microsoft Word consists of an in-built reference manager
- There are alternative plugins:
 - i.e. RefWorks and Mendeley
- This lecture is concerned with the in-built reference manager
- Uses an XML document to handle your references
 - difficult and tedious to maintain
 - custom Python script provided to convert `.bib` file to `.xml`
- Handy Python script for converting:
 - [Python Script: Convert BibTeX to XML](#)

Referencing using Microsoft Word (2)

Using the Python Script

- Create your `.bib` file with references obtained from Google Scholar
- Install a third party module:
 - `python3 -m pip install bibtexparser`
- Run the Python script:
 - `python3 bib2xml.py --input filename.bib --output filename.xml`

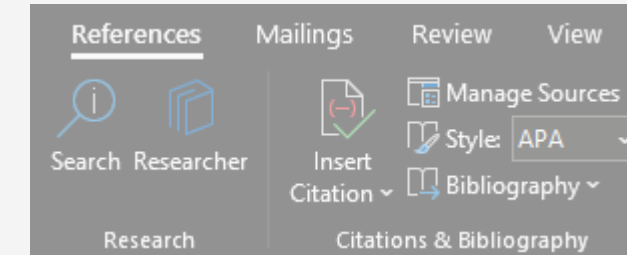
Limitations of the Python Script

- Only handles the following types of references:
 - Conference Papers
 - Journal Articles
 - Web Sites
- Need something additional?
 - Drop the module leader an e-mail, ab6459@coventry

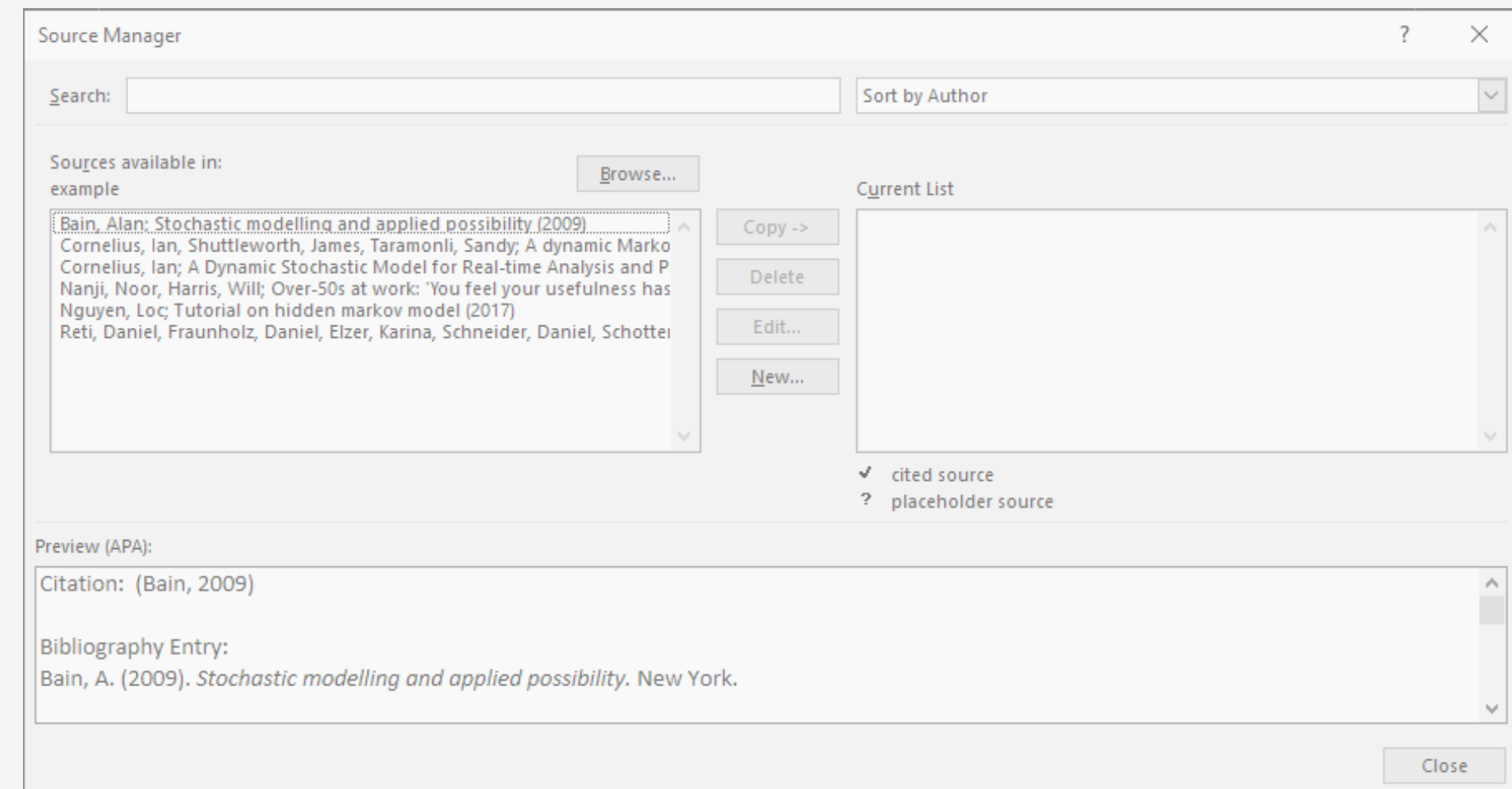
Referencing using Microsoft Word (3)

Importing the References into Microsoft Word

- Reference management can be done under the **References** tab
 - click on the Manage Sources label



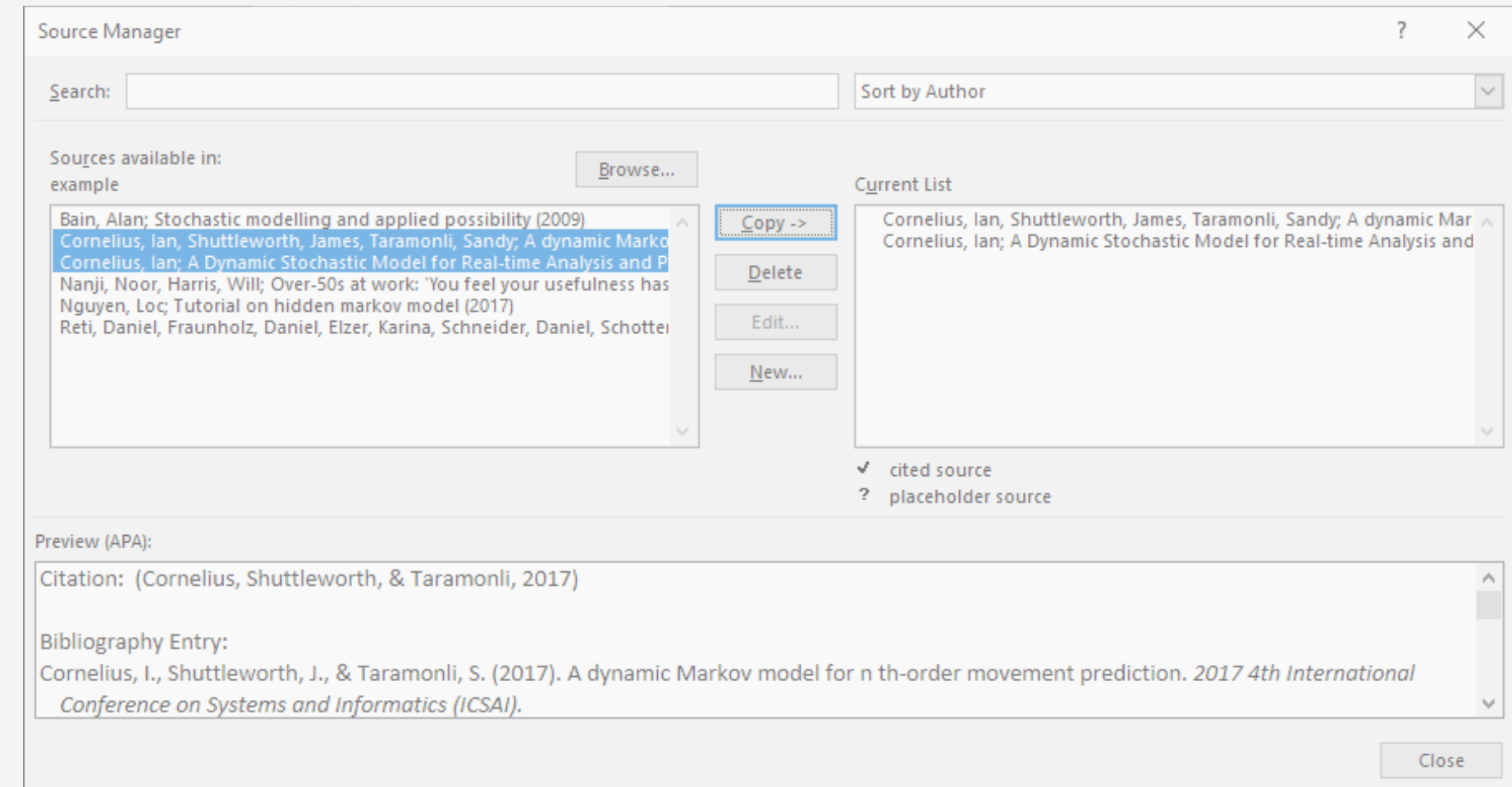
- Click on the **Browse** button and search for the exported XML file from the Python script
 - once loaded, you will see your collection of references



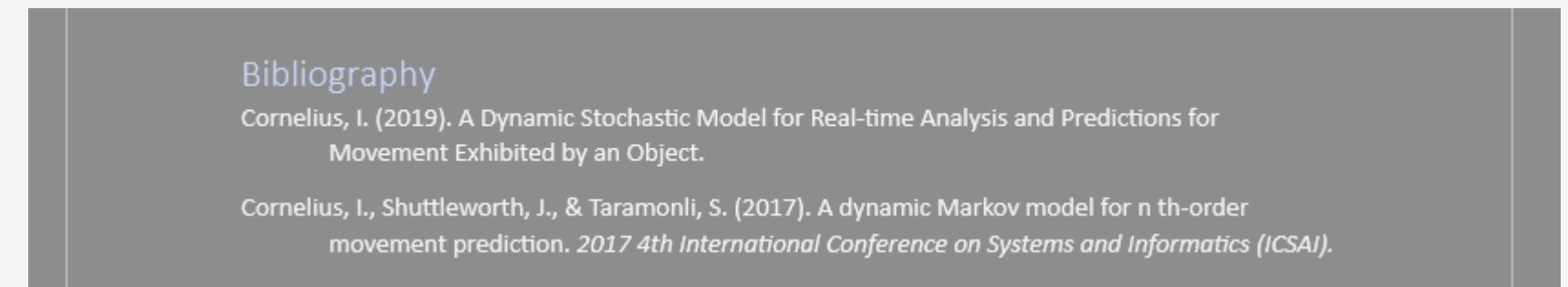
Referencing using Microsoft Word (4)

Displaying the Imported References

- Use the **Copy ->** button to transfer references you want to use in your report



- List of references can be created using the **Bibliography** option in the **References** tab



Referencing using Microsoft Word (5)

Using a Citation in your Report

- Citations can be included using the **Insert > Citation** option in the **References** tab
 - limited to only parenthetical in-text citations

Markov models have been used to predict a pedestrians direction of movement (Cornelius, 2019).

Goodbye

Goodbye (1)

Questions and Support

- Questions? Post them in the **Community Page** on Aula
- Additional Support? Visit the [Module Support Page](#)
- Contact Details:
 - Dr Ian Cornelius, ab6459@coventry.ac.uk
 - Mr Terry Richards, ac6860@coventry.ac.uk

References