The Interchange of LaTeX and BibTex at Carnegie Mellon Using LyX

Opening Questions – Gauging Our Audience Today

- Current users of LaTeX?

- Current users of BibTeX?

- Suggested approach … Only enough LaTeX to know how to incorporate BibTeX bibliographies.

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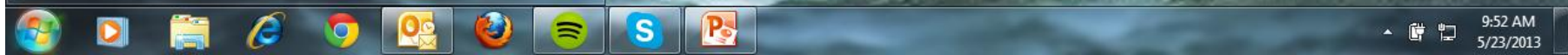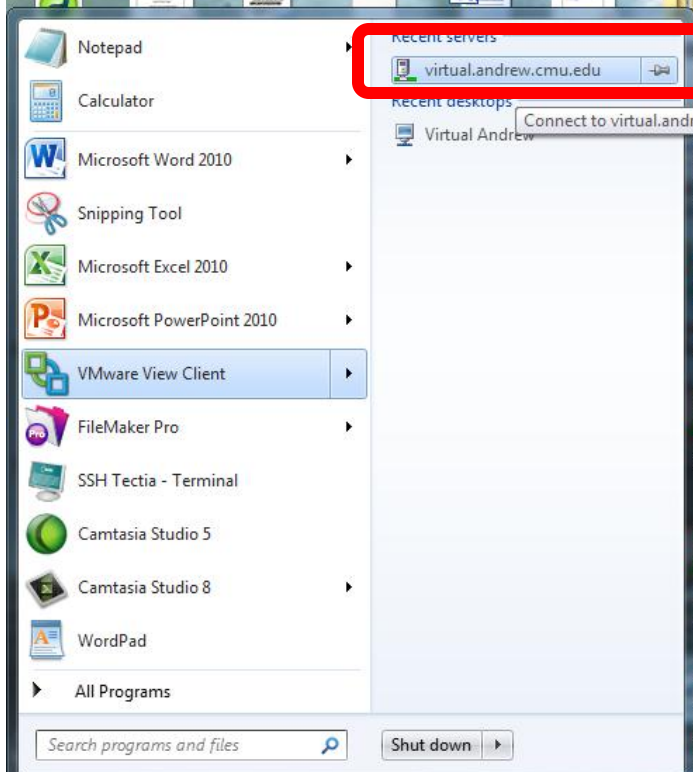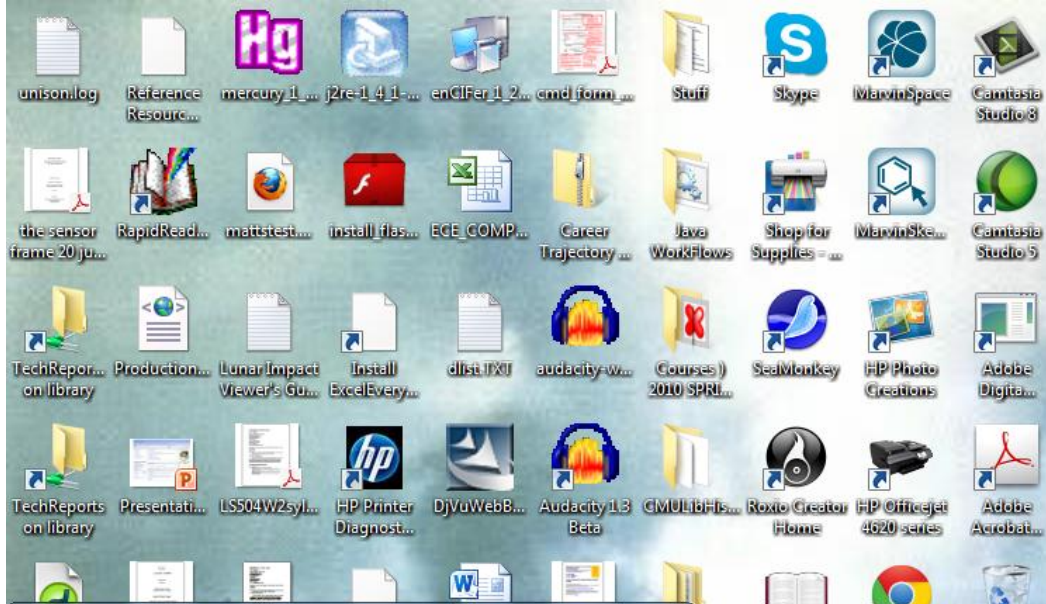
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- Frequently Asked Questions

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- Using Mac in a Cluster

Last Updated: 10/10/2012

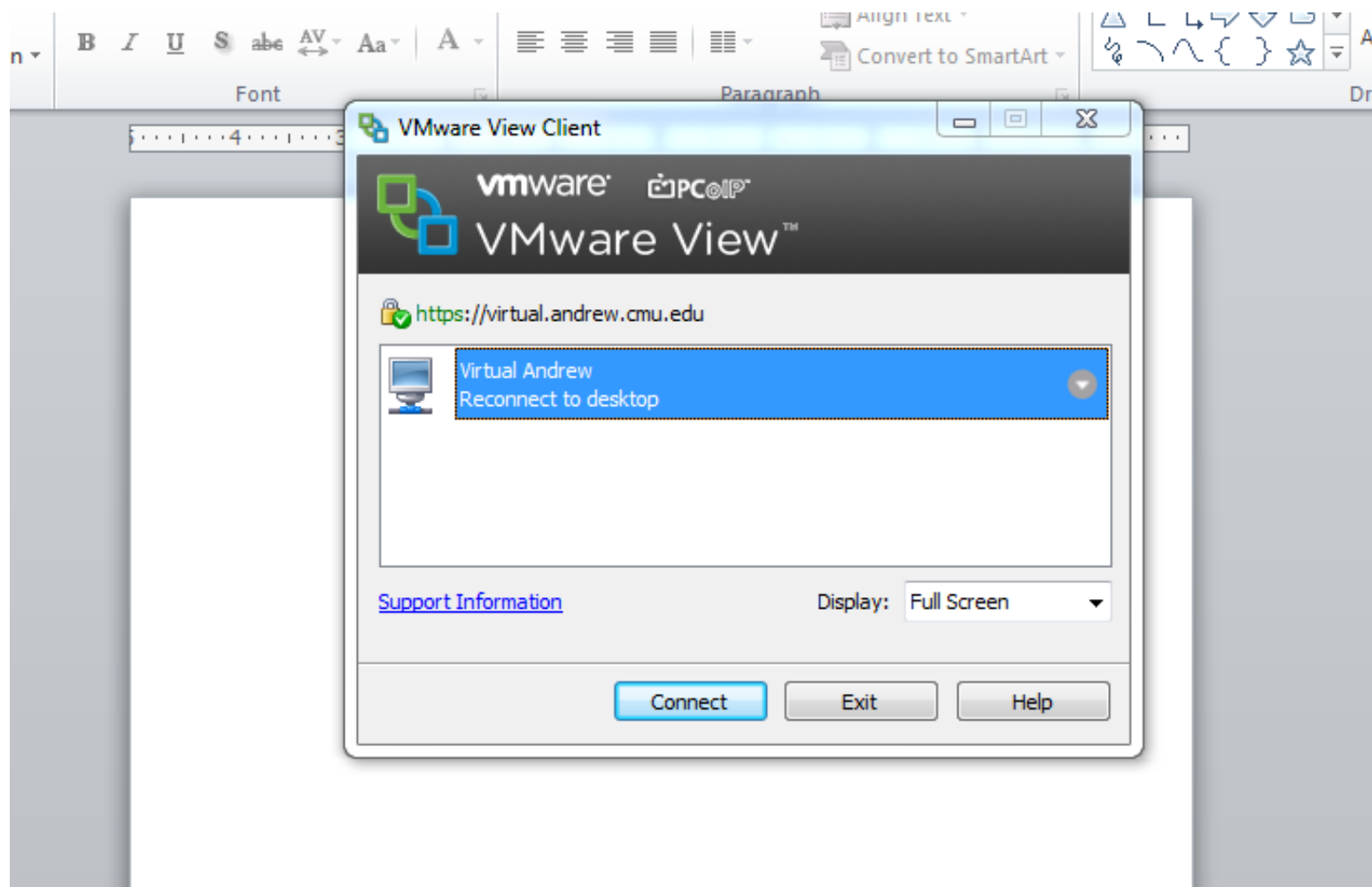*Why Virtual Andrew?*

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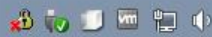
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second*   Tutorial

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About LyX

1 INTRODUCTION

This is an introduction to my first LyX do

2 ABOUT THIS DOCUMENT

Sections and subsections are described b

2.1 Section description

Sections are bigger than subsections.

2.2 Subsection description

Subsections are smaller than sections. [marsteller2003opportunities] [marsteller2003exploring] [marsteller2003providing]

3 MORE_STUFF

This is my second LyX document!

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1. INTRODUCTION

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Sections and subsections are described below.

2.1. Section description. Sections are bigger than subsections.

2.2. Subsection description. Subsections are smaller than sections.[3][2][1]

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Lists: are very easy to create!

REFERENCES

[1] Matthew Marsteller and Paul Neuhaus. Providing chat reference service: a survey of current practices. *Implementing digital reference service*, pages 61–74, 2003.

[2] Matthew R Marsteller and Danianne Mizzy. Exploring the synchronous digital reference interaction for query types, question negotiation, and patron response. *Internet Reference Services Quarterly*, 8(1-2):149–165, 2003.

[3] Matthew R Marsteller and Jackie Schmitt-Marsteller. Opportunities for real-time digital reference service. *The Reference Librarian*, 38(79-80):163–181, 2003.

```
@article{marsteller2003exploring,
  title={Exploring the synchronous digital reference interaction for query types, question negotiation, and patron response},
  author={Marsteller, Matthew R and Mizzy, Danianne},
  journal={Internet Reference Services Quarterly},
  volume={8},
  number={1-2},
  pages={149--165},
  year={2003},
  publisher={Taylor \& Francis}
}

@article{marsteller2003providing,
  title={Providing chat reference service: a survey of current practices},
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  journal={Implementing digital reference service},
  pages={61--74},
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}

@article{marsteller2003models,
  title={Models for Measuring and Evaluating Regerence Costs: A Comparative Analysis of Traditional and Virtual Reference Services},
  author={Marsteller, Matthew and Ware, Susan},
  journal={WebJunction, OCLC, http://www. webjunction. org/conference-proceedings-2003/articles/content/441448 (accessed October 2, 2008)
  year={2003}
}

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  title={Opportunities for real-time digital reference service},
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  journal={The Reference Librarian},
  volume={38},
  number={79-80},
  pages={163--181},
  year={2003},
  publisher={Taylor \& Francis}
}

@article{neuhaus2002chat,
  title={Chat Reference at Carnegie Mellon University},
  author={Neuhaus, Paul and Marsteller, Matthew R},
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  title={Providing chat reference service: a survey of current
practices},
  author={Marsteller, Matthew and Neuhaus, Paul},
  journal={Implementing digital reference service},
  pages={61--74},
  year={2003}
}
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Correction Needed

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 author = {Comport, Andrew I. and Marchand, \'{E}ric and Chaumette, Fran\c{c}ois},
 title = {A real-time tracker for markerless augmented reality},
 booktitle = {Proceedings of the 2nd IEEE/ACM International Symposium on Mixed
and Augmented Reality},
 series = {ISMAR '03},
 year = {2003},
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@inproceedings{marsteller2003providing,
 title={Providing chat reference service: a survey of current practices},
 author={Marsteller, Matthew and Neuhaus, Paul},
 booktitle = {Implementing digital reference services :
setting standards and making it real. Proceedings of the Third Annual
Virtual Reference Desk (VRD) Conference.},
 pages={61--74},
 year={2003},
publisher = {Neal-Schuman},
 address = {New York, NY, USA},
}
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A Personal Note on Oklahoma

A note from Gloriana St. Clair's college roommate, Theresa Jaye, in Oklahoma:

I woke to the sound of thunder at 5:13 am – no one in okieland today could go back to sleep hearing that rumbling. as i rose, i could see sharp, white lightning splitting the clouds, and the bob seger line went with me as i found the morning weather report: "woke last night to the sound of thunder, how far off, i sat and wonder, starting humming a tune from 1962"

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A real-time tracker for markerless augmented reality

Full Text: PDF

Authors:
Andrew I. Comport
Éric Marchand
François Chaumette

2003 Article

Published in:

· Proceeding
ISMAR '03 Proceedings of the 2nd IEEE/ACM International Symposium on Mixed and Augmented Reality
Page 36
IEEE Computer Society Washington, DC, USA ©2003
table of contents ISBN:0-7695-2006-5

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Augmented Reality has now progressed to the pointwhere real-time applications are being considered andneeded. At the same time it is important that synthetic elementsare rendered and aligned in the scene in an accurateand visually acceptable way. In order to address these issuesa real-time, robust and efficient 3D model-based trackingalgorithm is proposed for a 'video see through' monocularvision system. The tracking of objects in the sceneamounts to calculating the pose between the camera andthe objects. Virtual objects can then be projected into thescene using the pose. Here, non-linear pose computation isformulated by means of a virtual visual servoing approach.In this context, the derivation of point-to-curves interactionmatrices are given for different features including lines, circles,cylinders and spheres. A local moving edges tracker isused in order to provide real-time tracking of points normalto the object contours. A method is proposed for combininglocal position uncertainty and global pose uncertainty inan efficient and accurate way by propagating uncertainty.Robustness is obtained by integrating a M-estimator intothe visual control law via an iteratively re-weighted leastsquares implementation. The method presented in this paperhas been validated on several complex image sequencesincluding outdoor environments. Results show the methodto be robust to occlusion, changes in illumination and miss-tracking.

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