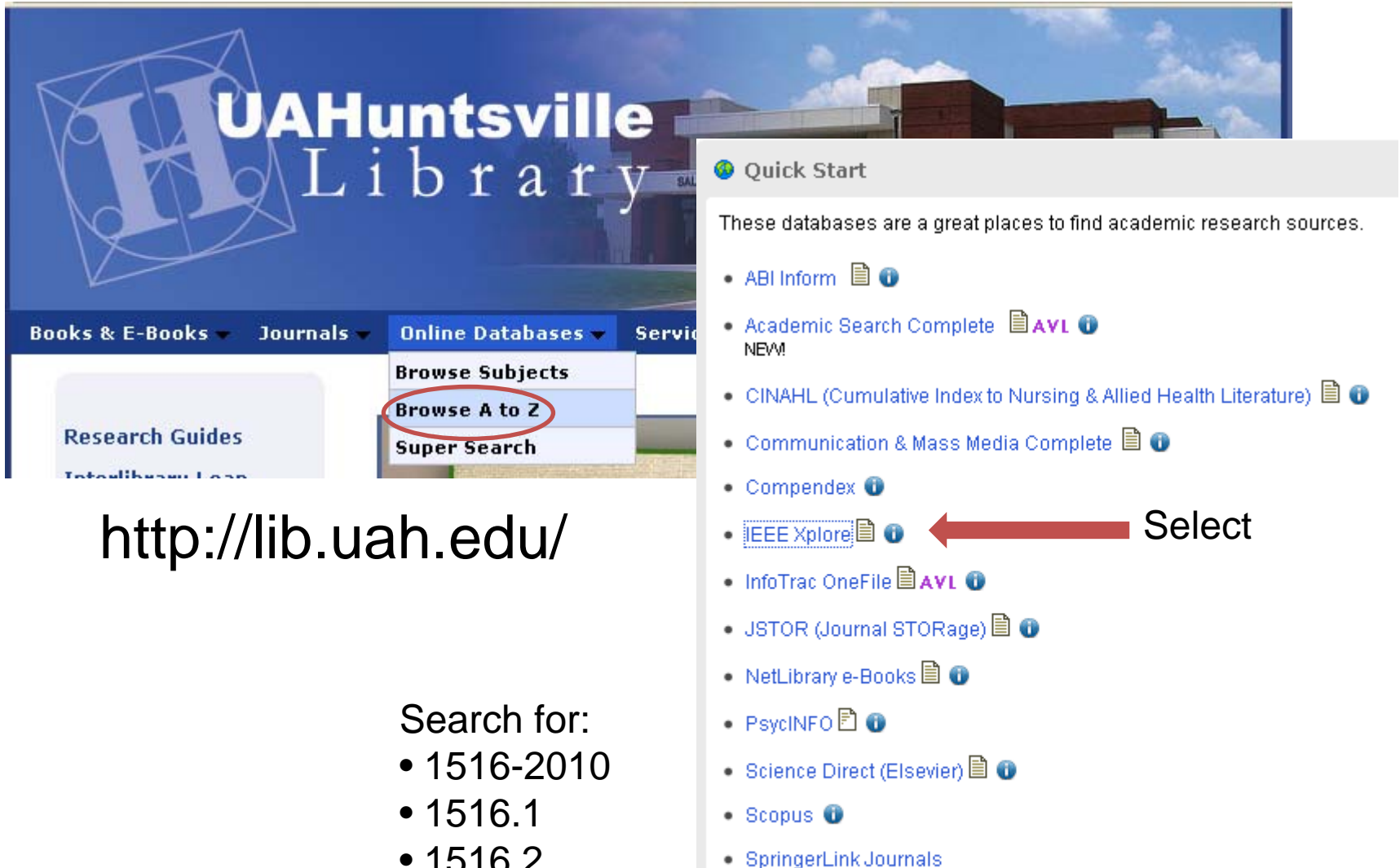


How to Obtain the High Level Architecture Standard



UAHuntsville Library

Books & E-Books | Journals | **Online Databases** | Services

Browse Subjects
Browse A to Z
Super Search

Research Guides

Quick Start

These databases are a great places to find academic research sources.

- ABI Inform
- Academic Search Complete
- CINAHL (Cumulative Index to Nursing & Allied Health Literature)
- Communication & Mass Media Complete
- Compendex
- **IEEE Xplore**
- InfoTrac OneFile
- JSTOR (Journal STORage)
- NetLibrary e-Books
- PsycINFO
- Science Direct (Elsevier)
- Scopus
- SpringerLink Journals

Select

<http://lib.uah.edu/>

Search for:

- 1516-2010
- 1516.1
- 1516.2

Educational Resources

- Bjorn Moller's High Level Architecture (HLA) Tutorial is one of the best -- it is a good idea to read it in parallel with reading the IEEE 1516-2010. Additionally, Pitch provides a couple of free tutorial federations that are described in the appendix. <http://pitch.se/hlatutorial>
- VT MAK offers a free version of their HLA Run Time Infrastructure (RTI) with example federates. http://www.mak.com/component/docman/cat_view/16-bonus-materials/24-mak-high-performance-rti.html
- Paul Grogan and Tom Cole created a one-week crash course on how to write Java simulations. The fourth and fifth days of the course explained how to implement the Java simulation as an HLA federate. Available code examples work with Open HLA. <http://ptgrogan.scripts.mit.edu/fundms/day4.php>
- Michael Newcomb created a free open source RTI called Open HLA (OHLA). The RTI is written in Java. <http://sourceforge.net/projects/ohla/>
- Peter Toft's paper "How to become an HLA Guru in a shorter time" has a number of diagrams, code snippets, and it explains the rules for federates and federations. <http://www.cit.dk/cot/reports/reports/Case6/06/cot-6-06.pdf>
- Jose Roberto Rodriguez Alvarado wrote a Master's thesis about the history of distributed simulation and the application of HLA to manufacturing. http://dspace.cc.tut.fi/dpub/bitstream/handle/123456789/6782/rodriguez_alvarado.pdf
- McLeod Institute of Simulation Sciences has several presentations related to HLA; however it is for the IEEE-1516-2000 version. Several of the concepts still apply because the 2010 version built upon the previous version. <http://www.ecst.csuchico.edu/~hla/courses.html>