ARC-IT v8 Workshop

ARC-IT RESOURCES & SUPPORT

ARC-IT Resources & Support

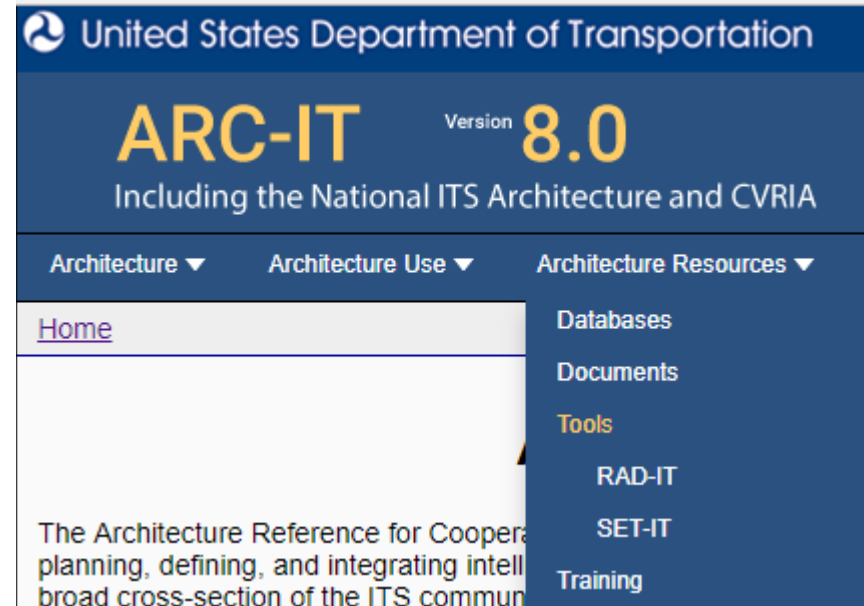- **2-day Interactive, Hands-On Workshops**
  - July 26-27 – Dearborn, MI
  - Aug 9-10 – San Jose, CA
- **T3 Webinar**
  - August 17 – see https://www.pcb.its.dot.gov/t3_archives.aspx
- **Website**
  - www.arc-it.net

ARC-IT Resources

- Databases
- Documents
- Tools
- Training

ARC-IT Databases

- All source MS Access databases that make up ARC-IT, available for download

Database	Description	Updated
Communications	Defines all the communications protocols and related standards that have been identified to date for each of the ARC-IT interfaces.	5/28/2017
Glossary	Defines all the Acronyms and Terms used on this website.	6/7/2017
Physical	Defines all physical objects, functional objects, interconnects, and information flows in the Physical View and their connection with the Functional View components.	6/15/2017
Planning	Defines the planning goals, objectives, and performance measures and their relationship to the service packages.	6/16/2017
Requirements	Defines the user needs for each service package and the functional requirements that support each need.	4/20/2017
Security	Defines the confidentiality, integrity, and availability analysis for each information flow triple. Defines device security classes and assigns these to each physical object, per service package.	4/1/2017
Service Packages	Defines the service packages and their relationship to the physical objects, functional objects, and information flows in the Physical View.	5/4/2017

ARC-IT Documents

- 2 categories of PDF documents available:
  - Usage (ways to use and apply the architecture)
  - Description (describe some aspect of the architecture)
- Current Documents:
  - Key Concepts
  - Regional ITS Architecture Guidance
  - Systems Engineering Handbook
  - Help for RAD-IT & SET-IT
  - Connected Vehicle Primer
  - SE Michigan 2014 ConOps
- Archived Documents
  - From older versions, used for prior research on evolution of architecture
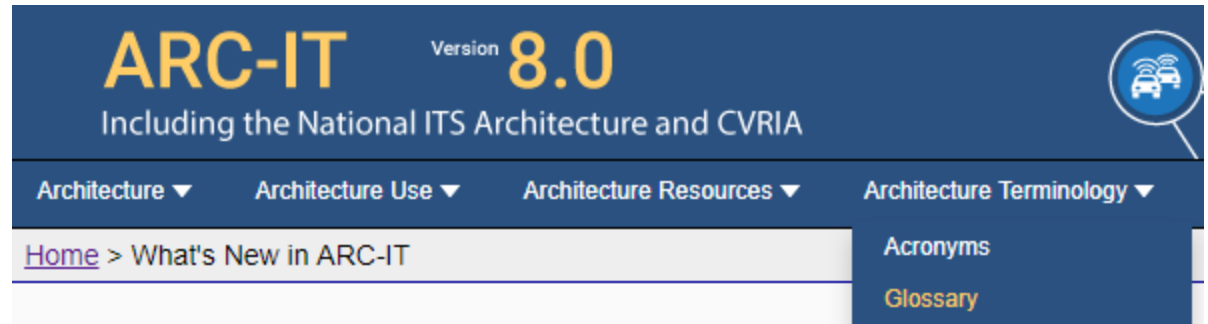
ARC-IT Training

Topic Area	Web-Based Training	On-Site Training	Workshops
ITS Architecture	ARC-IT Web-Based RA Use & Maintenance Web-Based	ARC-IT 101 / Refresher	Quick-Starting Your RA Update Architecture Development Use & Maintenance Workshop
Software Tools	RAD-IT Web-Based SET-IT Web-Based	RAD-IT SET-IT	---
Systems Engineering	---	Systems Engineering	Systems Engineering for ITS

Web-Based Training

On-Site Training

Workshops
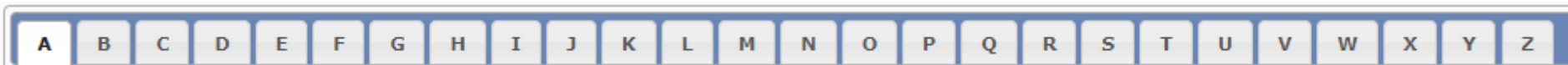
{Coordinated w FHWA Operations}

ARC-IT Glossary

- Definitions of the Acronyms and Terms used on this website.
- The Acronym List is used to find what abbreviations and acronyms mean within ARC-IT and the web pages.
- The Glossary is a set of definitions for terms that appear in the architecture and/or on this website.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Preparing for Day 2

- Strategic planning, regional architecture development, project planning?
  - Download and install RAD-IT ✓
- Project development, systems engineering, systems implementation?
  - Verify:
    - Visio is installed and operates
    - Visio installation is 32-bit version
    - Visio installation matches MS Office installation (e.g., 2013/2013)
  - Download and install SET-IT