

JTLS 230 - JTLS Federation Management

ROLANDS & ASSOCIATES Corporation

There is a significant history behind the federations to which JTLS has belong. For several years the U.S. Government supported a link to the Joint Conflict And Tactical Simulation (JCATS) is a federation known as Joint Multi-Resolution Model (JMIRM). This federation is no longer supported due to the inability of JCATS to continue working within the federation without U.S. Government support. R&A has recreated the JMIRM federation using a German Model, Gefects Simulation (GESI), owned and developed by CAE. This new federation is known as GlobalSim. This class is unique in that it cannot be taught without the cooperation and of CAE and the GESI team. The first 2.5 days of the class can be taught solely by the JTLS team, but the remaining two days can only be taught in conjunction with GESI team and if the client owns both JTLS and GESI..

Date/Time	Topic
Monday	
0900 - 1000	What Is High Level Architecture
1000 - 1100	Definition of JTLS Federation - GlobalSim
1100 - 1200	JTLS Federation System Diagram
1200 - 1300	Lunch
1300 - 1400	Entity Level Simulation (ELS)
1400 - 1500	Database Requirements For ELS
1500 - 1600	Building ELS Templates
Tuesday	
0900 - 1000	ELS Directory Structure
1000 - 1100	Starting and Monitoring the ELS
1100 - 1200	ELS Checkpointing and Restarting
1200 - 1300	Lunch
1300 - 1400	Starting the HLA Interface Program (HIP)
1400 - 1500	What Happens When An Object Moves
1500 - 1600	Changing Posture
Wednesday	
0900 - 1000	Linking To MUSE / DIS Codes
1000 - 1100	What Can Be Represented By MUSE
1100 - 1200	How to Limit Number HLA Objects
1200 - 1300	Lunch

Date/Time	Topic
1300 - 1400	Capabilities of GlobalSim and Gefechts Simulation (GESI)
1400 - 1500	Database Requirements For GESI Link
1500 - 1600	Scenario Preprocessing For GESI
Thursday	
0900 - 1000	Time Management and Pacer Program
1000 - 1100	Passing Control To GESI and Regaining Control
1100 - 1200	Ghosting GESI Objects
1200 - 1300	Lunch
1300 - 1400	Surface-to-Air Firing, Air-to-Ground Firing Between Models and Artillery Bundling
1400 - 1500	Collection of Reconnaissance Data In GESI
1500 - 1600	Representation Of Supply Usage
Friday	
0900 - 1000	Federation Execution Checklists and Special Federation Requirements
1000 - 1100	Planned Federation Improvements
1100 - 1200	Final Questions