

# LexEVS 5.0 Boot Camp Agenda - Fall 2009



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## LexEVS Boot Camp Planning

Planned Dates: **Wednesday, November 11 - Friday, November 13**

## Agenda

**Training Goal:** Using LexEVS 5.0, specifically for those migrating from EVS 3.x to 5.0

**Pre-requisite:** Software development experience is required, along with familiarity of EVS and/or LexEVS/LexBIG.

**Material:** All material can be found on the VKC at: [LexEVS 5.0 Documentation and Training](#)

### I. Overview of LexEVS 5.0 >>> JENNY

**Objective:** Attendees will have a basic understanding of the architecture of LexEVS 5.0 in contrast to EVS 3.x and LexEVS 4.2.

#### A. Transition from EVS to LexEVS 5.0

1. LexEVS Architecture (Section 5 of [Design/Arch Guide](#) )
2. LexGrid 2009 Model (Section 2 & 4 of [Design/Arch Guide](#) )

### II. Interacting with LexEVS 5.0

**Objective:** Attendees will have an understanding of how to interact with LexEVS 5.0 in supported environments.

#### A. Overview of LexEVS API (Section 4 -7 of [Programmer's Guide](#))

**Objective:** Attendees will have an understanding of the LexEVS 5.0 API functionality. Migration will be the underlying theme and we will guide previous EVS users to the new 5.0 API by providing code examples.

##### 1. Java API

1. Core Services
2. Service Extensions
3. Utilities
4. LexEVS GUI
5. Code Examples

2. Distributed Java API
3. caCORE Data Services API
4. Analytical Grid Service API
5. Data Grid Service API

## **B. LexEVS 5.0 Modes of Usage (Using downloads from [LexEVS 5.0 Installation Outline](#) page on VKC) >>> CRAIG**

**Objective:** Attendees will have an understanding of LexEVS 5.0 usage in different environments.

### **1. Local Mode – Using LexEVS 5.0 in local environment. >>> CRAIG**

1. Overview of Local Mode (PowerPoint)
2. Hands-On
  - a. Download and setup LexEVS 5.0 for local environment.
  - b. Code Examples

### **2. Distributed Mode >>> CRAIG**

1. Overview of Distributed Mode (PowerPoint)
2. Hands-On
  - a. Download and setup LexEVS 5.0 for distributed environment.
  - b. Code Examples

### **3. Grid Services – Using LexEVS 5.0 Analytical and Data Grid Services >>> CRAIG**

1. Overview of Grid Services (PowerPoint)
2. Hands-On
  - a. Download and setup LexEVS 5.0 for grid service environment.
  - b. Code Examples

## **III. Advanced Topics >>> TRACI**

**Objective:** Attendees will have an understanding of ways to optimize searching and processing results in LexEVS 5.0; extend LexEVS; and gain perspective on how native format content is loaded into LexEVS.

### **A. Query Optimization (Section 4.4 of [Programmer's Guide](#) >>> TRACI**

**Objective:** Attendees will have an understanding of ways to optimize searching and processing results in LexEVS 5.0.

1. Restrictions
2. Resolution
3. Iterator Handling

### **B. Extensions (Section 4.2 of [Programmer's Guide](#) >>> TRACI**

**Objective:** Attendees will have an understanding of ways to extend their installation of LexEVS 5.0 by utilizing extensions.

1. Extension Overview
2. Extensions available
3. Coming soon - 5.1 framework

### **C. Configuration Options (Section 1.1 of [Administration Guide](#)) >>> TRACI**

**Objective:** Attendees will have an understanding of ways to customize LexEVS loading function.

1. Manifest
2. Preferences

### **D. Loaders (Content from [Source Mapping Guide](#) and [Loader Mapping Guide](#)**

**Objective:** Attendees will have an understanding of how ontologies are loaded into LexEVS 5.0.

1. Overview - Mapping of Ontology native format content into LexEVS.

## **Resources**

Templates are located on the [Documentation and Training Workspace Wiki](#)

Go to the templates section under blank templates select the Blank PowerPoint template for Non NCI employees -(this wiki contains the most current 508 compliant templates)

Here is an [example training](#) created using the Templates (to see what a completed training looks like).