



Attensity Training Details – Knowledge Engineering Workbench Training

Overview

Attensity Training offers a broad range of business user and technical courses enabling customers to quickly deploy and leverage Attensity applications. Our goal is allow you to achieve operational independence and fully harness the power of Attensity.

The following table details the description for Knowledge Engineering Workbench (KEWB) Training:

Class Name	Length	Description
Attensity SDK	1 Day	<ul style="list-style-type: none"> • Introduction to linguistics and text analytics • Use KEWB to load a domain and make simple edits • Modify an existing domain following best practices • Complete the update of new terms, phrases and entities to a domain • Discuss options for improving performance

** Onsite classes provided at customer site for up to 10 students. A training facility with computers for students and projector is required.

Please note: *Payment for training is due prior to the start date. A Purchase Order or company check is an acceptable form of payment. Payment may also be made via **Education Units** or contract payments.*

Canceling and Rescheduling Policy

Please communicate with Attensity Training (contact information below) in the event that a rescheduling is required. A rescheduling is considered a cancellation. If class is canceled up to two weeks before class, 100% refund provided; if class is canceled up to one week before class, 50% refund provided; if class is canceled with less than a week or no show, 0% refund provided.

Prerequisites for class:

- Familiarity with business domain
- Functional with Microsoft Excel or database tables
- Basic understand of language structures (nouns, verbs, phrases, etc.)
- Experience with regular expressions is useful, but not required



Attensity Knowledge Engineering Workbench Topic Outline

Module 1: Introduction to Linguistics

- Define linguistic terms
- Construct graphical renderings of text analysis
- List guidelines for domain-specific linguistic anomalies

Module 2: Attensity KEWB Basics

- Define the purpose for Knowledge Engineering
- Install KEWB and Load a Domain
- Review architecture of KEWB domain management
 - standard teapot
 - domain-specific teapot
 - licensing of domains
- Use Visual Moab to define sentences and test assumptions

Module 3: Using KEWB to Improve Text Extraction

- Target language objectives specific to a domain
- Review data content and identify anomalies
- Complete a phrasal replacement for compound nouns
- Review results and report anomalies

Module 4: Aggregate Term Updates to Domains

- Target a part of speech replacement for domain
- Format the replacements terms
- List the parts of speech effected by replacement
- Apply list of terms to domain as predicate adjectives
- Test results with spot checks
- Test results with Visual MOAB

Module 5: Entity Processing

- Examine Entity preprocessing
- Examine erroneous processing of domain-specific text
- Walk through process of constructing an Entity Rule
- Test results with Visual MOAB