TMS Workshop Selection Guide

This document is designed to help registered attendees for the Linguamatics Text Mining Summit choose appropriate workshops.

Each of the three workshop sessions include several tracks running in parallel. **Please choose one workshop from each session**.

To help you make your selection, we've provided some recommendations below, based on experience levels and interests. You can choose a different combination and you can discuss your preference with Linguamatics before filling in the selection form.

Workshop Recommendations

For those who are **completely new** to querying with I2E, we recommend **Track A**, including:

- Workshop 1A-LS: Introduction to I2E (Life Sciences) *or* Workshop 1A-H: Introduction to I2E (Healthcare)
- Workshop 2A: Hints and Tips, Ask the Expert
- Workshop 3A: I2E Query User Certificate Exam

For users who **already have experience** of querying with I2E, we recommend **Track B**, including:

- Workshop H: Linguamatics I2E Query Hackathon *or* Workshop 1B: Using Resource Queries
- Workshop 2B: Leveraging New I2E Features
- Workshop 3B: Fun with Indexes *or* Workshop 3A: I2E Query User Certificate Exam

For those interested in using the **Web Services API, the Client SDKs and/or AMP**:

- Workshops 2C and 3C: Automating I2E, Part 1 & 2

	Track A		Track B		Track C
Session 1 (Monday, 1:00 – 5:00)	1A-LS: Introduction to I2E (Life Sciences)	1A-H: Introduction to I2E (Healthcare)	1B: Using Resource Queries	H: Linguamatics I2E Query Hackathon	
Session 2 (Wednesday, 1:00 – 3:00)	2A: Hints and Tips, Ask the Expert		2B: Leveraging New I2E Features		2C: Automating I2E, Part 1
Session 3 (Wednesday, 3:30 – 5:00)	3A: I2E Query User Certificate Exam		3B: Fun with Indexes		3C: Automating I2E, Part 2

Workshop Descriptions

Session 1 Monday October 2, 1:00pm - 5:00pm			
Workshop		**Learning outcomes**	**Who should attend**
H	**Linguamatics I2E Query Hackathon** This half-day event will address common challenges in extracting information from free text, with each team's results submitted at the end of the day for assessment by a Linguamatics NLP text mining expert. Note that, depending on progress and interest, the Hackathon event end time may be extended until as late as 6pm.	Advance your skills in querying with I2E. Learn to deal with gold standard, test and training data sets. Share best practice.	For existing I2E users willing to work in teams to solve real-life challenges through hands-on use of I2E. Teams will be formed at the start of the event, depending on the number of attendees and their I2E experience
1A-LS and **1A-H**	**Introduction to I2E** Including an introductory presentation and opportunity to work through one or more printed tutorials at your own pace, with I2E experts available to address your own questions throughout the workshop.	Learn the basics of querying with I2E. Have an opportunity to ask your questions about text mining with I2E.	For anyone who is completely new to I2E, or who has not yet worked through the level 1 querying tutorial. Choose 1A-LS to work with examples from the Life Sciences field, and 1A-H for Healthcare examples.
1B	**Exploiting I2E Resources Queries** Covering I2E queries provided by Linguamatics (Life Sciences, Patents, Clinical Trials, FAERS), including strategies for various use cases, with querying hints and tips from the experts.	Develop your knowledge of the pre-built queries available to you. Learn about the benefits of reusing queries and ask your questions about I2E.	For any users who have previous experience of querying with I2E, have completed the level 1 querying tutorial, and would like to learn about Resources Queries provided by Linguamatics.

Session 2 Wednesday October 4, 1:00pm - 3:00pm			
Workshop		**Learning outcomes**	**Who should attend**
2A	**I2E Hints and Tips, Ask the Expert** Following on from workshops 1A-LS and 1A-H on Monday, providing an opportunity to continue working through tutorials at your own pace, with I2E experts available to address your own questions throughout the workshop	Further your understanding of querying with I2E. Have an opportunity to ask your questions relating to your own querying with I2E.	For those attending either workshops 1A-LS and 1A-H on Monday, or any other experienced users, who are interested in improving their query development strategies. If you select workshop 2A, *please tell us if you have any specific aims, topics or questions* to inform the facilitators in advance.
2B	**2B: Leveraging New I2E Features** Following the product presentations on Tuesday, new features will be presented in more detail, with time for Q&A and some hands-on access to those new features.	Become familiar with new I2E features. Have an opportunity to give feedback on new I2E features	For experienced users interested in the I2E product roadmap and new developments in text mining.
2C	**Automating I2E, Part 1** Tutorial covering practical uses of the I2E Client Software Development Kits (SDKs), Extraction And Search Language (EASL), and Asynchronous Messaging Pipeline (AMP).	Learn about I2E's Client SDKs and AMP. Have an opportunity to ask your questions about your own applications for I2E.	For developers with any level of experience with the I2E WSAPI or SDKs. If you select workshop 2C, *please tell us your level of prior experience with Python, the I2E WSAPI, I2E Client SDKs* and *note any specific aims, topics or questions* to inform the facilitator in advance.

Session 3 Wednesday October 4, 3:30pm - 5:00pm			
Workshop		**Learning outcomes**	**Who should attend**
3A	**I2E Query User Certificate Exam** We're developing a Certificate Program for I2E users. We're starting with a Query User Certificate, and building up to Query Creator and Query Strategist Certificates. The TMS will be your first opportunity to try the Query User exam. The exam should take no more than 45 minutes, but 90 minutes will be available.	A list of learning objectives for the Query User Certificate will be available prior to the exam.	The Query User Certificate Exam will be open to those who have just taken the Introduction to I2E courses, as well as more established users.
3B	**Fun with Indexes** This hands-on session will go into some depth on the indexing process. Attendees will gain insight into the roles of configuration files, ontologies, and linguistic wildcards through successive indexing of plain text and XML formatted documents.	Learn the indexing process and components. Learn the effect on querying of different formats and of ontologies. Have an opportunity to ask your questions relating to indexing with I2E.	This session is for those who have some experience with I2E or who have completed the "Introduction to querying with I2E" training and would like a better understanding about the indexing process and the connection to querying approaches.
3C	**Automating I2E, Part 2** Tutorial covering practical uses of the I2E Client Software Development Kits (SDKs), Extraction And Search Language (EASL), and Asynchronous Messaging Pipeline (AMP).	Learn about I2E's Client SDKs and AMP. Have an opportunity to ask your questions about your own applications for I2E.	A continuation from 2C.