

AGENDA: 2017 HPCC Systems® Community Day

Intelligent Decisions
with Smart Data

Tuesday, October 3, 2017

LexisNexis Risk Solutions will host the 4th annual HPCC Systems Summit Community Day on Wednesday October 4, 2017 in Atlanta, Georgia at the Ritz Carlton Buckhead. New this year, we are offering a pre-event workshop, “**Mastering Your Big Data with ECL**”, on October 3 to our external Community Day participants! The workshop will take place at the same venue.

What will you learn?

This class is for attendees who want to understand the HPCC Systems platform and learn ECL to build powerful data queries. Anyone who needs a basic familiarity and learn best practices with ECL should attend. The one day class will take the student through the entire ETL cycle from Spray (Extract) to Transform (THOR) and finally to Load (ROXIE). Code examples and hands-on lessons will be included.

Course Length: 1 day, October 3, 9 AM - 4 PM, Lunch provided.

Course Price: \$100 (Going to Community Day as well on October 4? Select the **2-DAY pass** and enjoy a 50% discount off the \$100 Community Day registration fee. Attend both days for \$150!)

Class Prerequisites - REQUIRED: Laptop with pre-installation of ECL IDE and connection to training cluster or HPCC VM.

Instructor: Bob Foreman, Senior Software Engineer, LexisNexis Risk Solutions

Topics include:

Part 1: Data Extraction and Transformation

- Quick overview of THOR cluster, and the parallel distributed data processing concept.
- Setting up an HPCC Cluster (VM Installation, AWS)
- ECL Watch overview
- Spraying data to a cluster (KJV text file)
- Getting started with ECL IDE.
- ECL Language Essentials, Syntax Rules
- And more...

Part 2: Prepare the Data Search Engine

- Defining and Building an INDEX
- Filtering and Normalization
- Searching Test
- And more...

Part 3: Write and Publish ROXIE query

- Call Search created in Part 2
- Publish in ECL Watch
- Test in WS-ECL
- And more...

Registration Details:

<https://hpccsystems.com/hpccsummit2017>

Wednesday, October 4, 2017

Time	Topic
7:00AM – 8:30AM	Registration and Breakfast
8:30AM – 9:15AM	Welcome and Sponsor Keynotes from Cognizant and Infosys
9:15AM – 10:30AM	Track 1: HPCC Systems in Industry: Real World Use Cases Featuring DataSeers, Couchbase, 3LOQ
10:30AM – 10:45AM	Break - Poster Presentations, Robotics Display & Exhibits
10:45AM - 12:00PM	Track 2: HPCC Systems in Academia: Beyond the Classroom Featuring Humboldt University Berlin and NC State University
12:00PM - 12:45PM	Lunch - Poster Presentations and Robotics Display
12:45 – 1:00PM	Community Awards Ceremony
1:00PM - 3:15PM	Track 3: HPCC Systems in the Limelight: Success Across RELX Group Featuring a Panel Discussion: Integrated Scientific Discovery, and talks from LexisNexis Risk Solutions, Reed Business Information and Reed Exhibitions
3:15PM - 3:30PM	Break - Poster Presentations, Robotics Display & Exhibits
3:30PM - 4:50PM	Track 4: HPCC Systems Roadmap Tech Talks Featuring topics on the Platform Roadmap, Visualization, Machine Learning and Architecture Improvements
4:50PM - 5:00PM	Closing Words & Adjourn

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