Community Day and Training Workshops
October 10 – 13, 2022

LexisNexis® Risk Solutions will host the 9th annual HPCC Systems Community Virtual Summit on Monday October 10, 2022. Post-event ECL workshops will be offered on Tuesday, October 11 through Thursday, October 13 from 9am – 10am ET. The workshops will be split into three distinct virtual sessions taking place one hour each day.

Monday, October 10, 2022

Time (EDT)	Topic
9:00AM – 10:20AM	WELCOME AND PLENARY KEYNOTES

Join us as we kick-off the 9th annual HPCC Systems Community Virtual Summit with keynotes from industry, academia, and LexisNexis Risk Solutions technology leaders. Speakers from LexisNexis Risk Solutions include Flavio Villanustre, SVP Technology and CISO, and Gavin Halliday, Enterprise/Lead Architect. We welcome our community keynote speakers: Adwait Joshi, Chief Seer, DataSeers; and our HPCC Systems academic partner from RV College of Engineering Dr G. Shobha, Professor, and Rohan Maheshwari, CSE student.

TRANSITION BREAK

10:30AM – 1:50PM	BREAKOUT SESSIONS

Choose from a number of breakout sessions across five different tracks.

Cloud Deployment	Come learn about building and maintaining an optimal Cloud Native HPCC Systems platforms.
Cloud Delivery	Hear more about delivering your data via ROXIE and Cloud Native.
Developer's Corner	Talks will focus on ECL and Tips and Tricks using the HPCC Systems platform.
Beyond HPCC Systems	Presenters will share and discuss tools and techniques that extend the power of HPCC Systems.
Machine Learning	Hear from our ML experts on the latest machine learning libraries and algorithms available in HPCC Systems.

Time/ Track	Cloud Deployment	Cloud Delivery	Machine Learning	Developer's Corner	Beyond HPCC Systems
10:30 AM - 11:20 AM	HPCC Systems Platform Cloud Build and Deployment Pipeline - Xiaoming Wang, Godji Fortil & Michael Gardner, LexisNexis Risk Solutions	Investigating ROXIE Queries - Krishna Turlaparthi, LexisNexis Risk Solutions	Analysis on Medical Images - Sarvesh Prabhu, Lambert High School / Implementation of Local Outlier factor Algorithm for Anomaly Detection in HPCC Systems - Arya Adesh, RVCE	ECL Source Code Control with Git - Greg Panagiotatos, LexisNexis Risk Solutions	Game Changer: HPCC Systems to Power BI Automated Connectivity - Lee Saunders, LexisNexis Risk Solutions / Interfacing MongoDB into ECL - Jack Del Vecchio, Miami University
11:30 AM - 12:20 PM	Cost savings on Cloud Native Systems Based on ECL Metrics, Shamser Ahmed, LexisNexis Risk Solutions	ROXIE Migration Tool, Harsh Desai, Sathish Kumar Seenivasan, Rajeev Rajvaidya, LexisNexis Risk Solutions	PyHPCC - Amila De Silva, LexisNexis Risk Solutions	ECL Notebooks - Jim De Fabia, LexisNexis Risk Solutions	Tombolo and Real BI - Dan Camper & Yadhap Dahal, LexisNexis Risk Solutions
12:30 PM - 1:00 PM	Visit the Expo Hall and Poster Displays				
1:00 PM - 1:50 PM	Advances in Containerized HPCC Systems Logging - Rodrigo Pastrana, LexisNexis Risk Solutions	Journey to the Cloud – What every ECL Developer Should Know & Common Misconceptions when using HPCC Systems Cloud Native - Bob Foreman & Hugo Watanuki, LexisNexis Risk Solutions	Machine Learning and Analytics Update / Visual Analysis of Data Relationships - Roger Dev, LexisNexis Risk Solutions	ECLS Scanner Tool - Rahul Jain, LexisNexis Risk Solutions	Processing Radiology Reports with NLP - David de Hilster, LexisNexis Risk Solutions, Dr. Amy Apon, Ashton Williamson & Dhruvisha Patel, Clemson University

TRANSITION BREAK	
2:00PM – 3:00PM	**Closing Plenary Sessions**

Don't miss another great Community keynote session on how we are partnering with CodeDay on fun and exciting hackathons to attract students and hire talent, then stick around to hear the anticipated announcement of the 2022 community award and poster competition winners before Flavio Villanustre closes out the day's event. We welcome our community keynote speaker Tyler Menezes, Executive Director, CodeDay. LexisNexis Risk Solutions speakers include Bahar Fardanian, Technology Evangelist, Lorraine Chapman, Manager Business Analyst, Trish McCall, Sr Director Program Management, and Flavio Villanustre, SVP Technology & CISO.

A three-hour workshop, ECL Alive! - a Deep-Dive into Definitive HPCC Systems (Vol II), is for HPCC Systems Summit attendees who want to expand their knowledge of the HPCC Systems platform and ECL in three different phases. The workshop will take students through ECL expert Richard Taylor's upcoming new book:

Definitive HPCC Systems (Vol II): Data Transformation and Delivery - This volume teaches the fundamentals of the ECL programming language used by the HPCC Systems Platform, allowing the reader to quickly get up to speed. ECL is a very terse and expressive language, specifically designed for working with huge amounts of data. Data ingest, transformation, manipulation, and delivery are the key topics along with code examples of specific ECL techniques to accomplish many relatively common tasks. Code examples and lesson materials will be included. Attendees can attend any one-hour session or the whole workshop. All three sessions will be recorded for playback.

Prerequisites: This workshop assumes that the attendee have a basic understanding of HPCC Systems and ECL. We recommend that you complete our online Introduction to ECL Courses (Part 1 and 2) before attending.

Instructors: Bob Foreman, Software Engineering Lead, LexisNexis Risk Solutions
Hugo Watanuki, Senior Software Engineer, LexisNexis Risk Solutions

Tuesday, October 11, 2022	
Time (EDT)	**Topic**
9:00AM – 10:00AM	**Part 1 – ETL with ECL**
	Data Ingest, Profiling, Hygiene, Standardization, Exporting

Wednesday, October 12, 2022	
Time (EDT)	**Topic**
9:00AM – 10:00AM	**Part 2 – Data Delivery with ROXIE**
	Distilling the Product, Indexing and Publishing

Thursday, October 13, 2022	
Time (EDT)	**Topic**
9:00AM – 10:00AM	**Part 3 – The ECL Cookbook**
	File Tips and Tricks, INDEX Tips, String and Date Tricks, and more!