



NTHRYS WORKSHOPS

Perl For Robotics And Iot

8:45 AM - 10:15 AM: Session 1: Introduction to IoT Programming with Perl

Hands-on workshop on IoT programming.
Protocols for interfacing Perl scripts with IoT devices such as sensors and actuators using communication protocols like MQTT and REST.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Perl for Robotics Control Systems

Practical session on robotics programming with Perl.
Protocols for using Perl to control robotic systems, including sensors, motors, and feedback loops.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Logging and Monitoring for IoT with Perl

Hands-on training on data logging for IoT.
Protocols for logging and analyzing data from IoT devices in real-time using Perl scripts and

cloud platforms.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Remote Control and Automation for IoT Devices with Perl

Practical session on remote control of IoT systems.
Protocols for setting up remote access and automation of IoT devices using Perl scripts.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes