the
NODE FIRM

KRAKEN FORGE DAY 1: NODE CORE

NODE CORE

OBJECTIVES

- Clearly understand the platform design choices that led to Node.js choosing an event loop and what this means for applications built on that foundation.
- Understand the unique trade-offs present in event-driven programming.
- Create Node.js modules and express code modularity in an application.
- Understand the core flow control patterns in Node.js and know when it is appropriate to use callbacks, event emitters or streams.
- Create and manipulate buffers.
- Understand how to manage error state and know when a process should exit due to an error.
- Build network applications with Node.js.
- Interact with the local file system.
- Understand and use the path module to effectively handle and transform file paths.
- Perform common file system operations.
- Create a low-level TCP server and manage connections to the server.
- Create HTTP servers in Node.js.
- Use Node.js to create APIs and communicate server-to-server.