

John Ball, Pat Inc. RRG 2023

Title: “Demonstrating RRG for use in industrial applications”

Abstract

Natural Language Understanding (NLU) in industry has focussed on statistical and corpus-based techniques in recent decades, especially in Silicon Valley. At my company, we see an opportunity to provide tools to industry based on linguistics, which RRG provides many of the missing pieces that work well in conjunction with Patom (brain) theory. The focus on multiple languages in RRG provides confidence in systems that are semantically based. In the presentation, I will demonstrate the types of tools enabled by RRG and our approach to scaling across languages. It begins with linguists determining a specification for a class that leads to a test-driven development model for each language. A recent application using our design will be shown that uses features of discourse-pragmatics to control the conversation comfortably, allowing users to specify requirements as a person would.