

Stringflow

Fundamental technology to build conversational user interfaces

Why conversational interfaces are broken all over?

- Using HTTP as fundamental technology; HTTP is NOT suitable for real-time messaging
- No reliable messaging infrastructure; people latching on to facebook messengers/websocket technology to bolt their CUIs on
- Fragmented solutions: third-party cloud APIs for NLP, borrowed messaging infrastructures, complex integrations
- Integration with existing systems within enterprise is a big pain

Make conversational UI a reality with Stringflow

Extensible

- Component based architecture allowing developers to write new server components in minutes
- REST API Gateway (Nexon) to add/remove REST calls from other systems
- Flexible and configurable packet routing

Highly Scalable

- 100K concurrent connections from one box
- Near zero-copy packet generation and packet processing
- In-built support for clustering
- Unprecedented cluster administration

Inbuilt cognitive abilities

- In-built Natural Language Processing (NLP)
- Over 80% success ratio for mapping conversation intent to REST calls to other systems
- Unmatched conversation intents routed to human interfaces
- Configurable failure response

Server technology to power intelligent communication across web, mobile and desktops

Server Infrastructure

- Maps conversation intents to REST Calls from other systems within enterprise
- One window to access all enterprise applications
- User redirection to parent application for unmatched conversation intent
- User redirection to Support Staff for unmatched intent
- Deep integration with other enterprise systems using SDK
- Highly customizable packet routing, REST Calls, Server Components, Packet Filtering, Packet Blocking etc.

Client

- Java SDK
- Java Script SDK
- C# SDK
- Python SDK
- Android SDK
- iOS SDK

Predictable and definitive Conversational User Interface for an enterprise has multi-fold advantages

- Zero learning curve for enterprise systems
- Simple on-boarding for employees
- Real-time system failure alerts (integration with log files scanning systems)
- Automation of administrative tasks (account block, provisioning, etc)
- Reduced system generated email flow
- Reduced support staff
- 24/7 Support Availability
- Easy information access within organization
- One communication mechanism for both machine and human

Thank You!

Contact

yogi@alterbasics.com