Chimera: Agnostic Language Component Based Framework using NodeJS and CLI

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Abstract—Component Based Software Engineering (CBSE) is a popular topic in Software Engineering. The main advantage of CBSE is separation of components. A single component will only focus on a single task or related collection of tasks. Allowing software developer to reuse the component for other use-cases. By using this approach, software developer doesn't need to deal with spaghetti code. Several approaches has been developed in order to achieve ideal CBSE. The earliest implementation was unix pipe and redirect, while the newer approach including CORBA, XML-RPC, and REST. Our framework, Chimera, was built on top of Node JS. Chimera allows developer to build pipe flow in a chain (a YAML formatted file) as well as defining global variables. Compared to unix named and unnamed pipe, this format is easier and more flexible. On the other hand, unlike XML-RPC, REST, and CORBA, chimera doesn't enforce users to use http protocol.

Keywords—*Chimera, Language Agnostic, Component-Based Software Engineering, Node JS, CLI.*

I. INTRODUCTION

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A. Subsection Heading Here

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II. CONCLUSION

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APPENDIX A
PROOF OF THE FIRST ZONKLAR EQUATION

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ACKNOWLEDGMENT

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