The benefits of Lua and the Iguana Translator

LUA: A FAST AND SIMPLE LANGUAGE

- Easy to learn – Beginners can start to program right away!
- World's fastest dynamic language
- Low memory footprint, JIT compiles to machine code
- We are proud sponsors of the LuaJIT project

What does this mean for you?
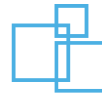
1. EASY TO BE PRODUCTIVE.

Interface programs are essentially very fast batch programs where data comes in, some transformation takes place and data goes back out. With the simplicity of Lua, the Iguana Translator is able to harness the power of this linear process and provide real-time annotations, auto completion and other features that dramatically reduce the development and testing time of interfaces.

> "We're in the middle of integrating two new sites with Claimsure. It used to take around 15-20 solid days to do one site. Using 5.0, I've done 2 sites in 8 days while still learning Lua."
>
> **Dominic Green**
> Integration Manager,
> Slainte Healthcare

2. EASY TO LEARN.

Lua has a small learning curve that makes it simple for novice and experienced scripters to learn. Iguana's implementation of Lua helps reduce this learning time even further by constantly executing and displaying the effects of the mappings in real-time. The real-time updates show the user how each line of their script affects the mappings and message processing. It also provides immediate feedback on syntax and logical errors, all of which assist in reducing the learning curve and speeding the time to productivity.

3. EASY TO UNDERSTAND THE WORK OF OTHERS.

One of the most valuable timeand- money savers that arise from the use of Lua is the ability for multiple people to work on, and understand, the logic of every interface. Unlike proprietary and other low-level programming languages, Lua—and the centralized nature of Lua within Iguana—provide a transparent view of all the scripts behind an interface as well as a simple process for understanding them. The result is a drastic reduction in the time required for new staff to understand, troubleshoot and potentially modify/extend existing interface logic.

> "I honestly had never even used Lua before using Iguana and found that working with Lua and the Iguana IDE were effortless. Iguana is versatile in its interactions, powerful in its capacity and robust with the use of Lua"
>
> **Mark Knight**
> Lead Developer, MedEvolve, LLC

> "Shortly after deployment, there was one scripting issue where a rogue message arrived with some missing fields—but our support team managed to fix that quite quickly. I was on holiday at the time, and it really raised our confidence levels in the Iguana interface that such an issue could be solved without the "lead programmer" being present…"
>
> **Stephen Brown**
> Lead Integration Programmer, Cambridge Imaging

The bottom line…
save time and cut your integration costs!

Contact iNTERFACEWARE today.

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