

---

Subject: Re: FEAT: Tcl as a plugin  
Posted by [chickenk](#) on Wed, 02 Feb 2011 09:21:39 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Well if we go that way and want to find a scripting language to embed, I'm gonna give my 2 cents.

I personally love ruby and I know it's easy to embed, the C API is very clean. I also start to like python, but I don't know whether it's easy to embed or not.

But definitely, I would recommend lua.

This is THE scripting language totally designed to be embedded, and it is very powerful and most importantly, extremely fast. Try googling for luaJIT.

Besides, here is a comparison website that is really useful. I tried to put in the chart some elements of comparison (sorry, Tcl is not in the list):

<http://shootout.alioth.debian.org/u32/which-programming-lang-uages-are-fastest.php?gpp=on&luajit=on&v8=on&lua=on&python=on&yarv=on&calc=chart>

This one is also interesting, where all languages are given a weight 2 for speed and weight 1 for size in memory (you can change these weights to your liking, depending on what you expect). In this chart, we can see LuaJIT is the first non-compiled language (well ok, it's compiled by the JIT engine but in realtime) in 8th position.

<http://shootout.alioth.debian.org/u32/which-language-is-best.php?calc=calculate&xfullcpu=2&xmem=1&xloc=0& ;amp ;nbody=1&fannkuchredux=1&meteor=0&fasta=1&spectralnorm=1&revcomp=1&mandelbrot=1&knucleotide=1&regexdna=1&pidigits=1&chameneosredux=0&threaddirng=0&binarytrees=1>

Really, lua is an easy language, easy to embed, very light on memory and really fast even without the JIT. Please do have a look at it.

Lionel

---