

---

Subject: Re: How to speed up large FOR loops?  
Posted by [Saurav Dhital](#) on Tue, 10 Apr 2012 19:39:29 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hi Craig, yup, that is a big problem, which I had to correct a while back. I create a FITS structure of a fixed size at the beginning and fill it within the FOR loop and trim it at the end.

I only concatenate arrays so as to put them into fields in the FITS table (for e.g., `x = [[x1],[x2],[x3]]` and `struct.field = x`).

One more thing that I don't do: I don't even use the `where()` function in my matching as `where()` searches through the entire array EVERY single time. If you are matching large arrays, `where()` ends up being the biggest bottleneck.

~Saurav

---