

U5JUDH2UE : What is a fast way to do this without the repeated nested pointer?``

```
(-> state
  (assoc-in [:a :b :b/field0] "")
  (assoc-in [:a :b :b/field1] "")
  (assoc-in [:a :b :b/field2] ""))
``
```

U0CM1QURZ : ``;; maybe?

```
(assoc-in [:a :b] {:b/field1 "" :b/field1 "" :b/field2 ""})
``
```

U050MP39D : fast as in performance?

U5JUDH2UE : Fast as in, using standard library. I don't want to add any external libs or anything.

U5JUDH2UE : Performance isn't a concern.

U5JUDH2UE : Sorry, I shouldn't be using that work. :stuck_out_tongue:

U050MP39D : (merge state {:b/field1 "" :b/field1 "" :b/field2 ""})

U050MP39D : err

U050MP39D : sorry, (update-in state [:a b] merge {:b/field1 "" :b/field1 "" :b/field2 ""})

U050MP39D : forgot a few words

U11BV7MTK : `` (let [nav [:a :b]]

```
(-> { :a { :b {} } }
  (assoc-in (conj nav :b/field0) "")
  (assoc-in (conj nav :b/field1) "")))
{:a { :b { :b/field0 "", :b/field1 "" } } }
``
```

U11BV7MTK : the navigator is just a vector, so create it with the shared navigation parts

U11BV7MTK : if i'm understanding correctly

U5JUDH2UE : <@U11BV7MTK> That's what I thought I was going to need to do.<@U050MP39D> I'm not sure why I didn't think of update-in... That should work nicely.

U5JUDH2UE : Not the question is update-in with assoc or merge. Is there any performance difference?

U050MP39D : I suspect they'd be identical

U5JUDH2UE : I figured they would be. Anyways, thanks all!

U050MP39D : merge is implemented in terms of `conj` so yes I'd say identical

<<https://github.com/clojure/clojure/blob/clojure-1.9.0-alpha14/src/clj/clojure/core.clj#L3022>>

U5ZAJ15P0 : When I use lein, where will the clojure stdlib be located on my file system?

U5ZAJ15P0 : .clj files that is

U11BV7MTK : `` (let [nav [:a :b]]

```
(reduce (fn [m [k v]] (assoc-in m (conj nav k) v))
  { :a { :b {} } }
  [[:b/field0 ""]
   [:b/field1 ""]
   [:b/field2 ""]])
{:a { :b { :b/field0 "", :b/field1 "", :b/field2 "" } } }
``
```

U06CM8C3V : <@U5ZAJ15P0> You mean the jar files?

U5ZAJ15P0 : ah right, so the std lib will be within jar files. Nevermind then

U050MP39D : jar files are just zip files and you can unzip them and the .clj files will be inside, if that matters to you

U0NCTKEV8 : <@U5ZAJ15P0> lein runs 2 jvms, lein's jvm and your project's jvm, the clojure runtime that lein uses is part of the lein jar and lives in ~/.lein, the clojure runtime for your project is Just Another Jar(tm)

U06CM8C3V : lots of interesting jar files in `~/.m2/repository` too

U066TMAKS : what's a good way to xor two sets?

U050MP39D : (set/union (set/difference s1 s2) (set/difference s2 s1))

U051SS2EU : a silly way to do it ``=>(into #{ } (comp cat (take 2)) (clojure.data/diff #{1 2 3} #{2 3 4})))#{1 4}``

U0CDMAKD0 : is it possible to use clojure.java.shell to invoke a shell command like `tr < infile.txt -d '\000' > outfile.txt` ?