

```
U23SA861Y : ```scanl: (a -> a -> b) -> List a -> List b
scanl fn l =
  List.tail l
    |> Maybe.withDefault []
    |> (\x -> List.map2 (,) x l)
    |> List.map (uncurry fn)
...

```

```
U5AEH3L05 : I like that -- split it into two lists and then operate on those
U48AEBJQ3 : How about```
List.Extra.zip
  xs
  (List.tail xs |> Maybe.withDefault [])
  |> List.map (uncurry f)
...

```

```
U23SA861Y : what you doing with List.extra in there
U23SA861Y : you don't need that
U48AEBJQ3 : Because `List.Extra` already implements zip?
U4F64AKQV : <@U48AEBJQ3> That last implementation is probably as nice as it will get.
U23SA861Y : zip is just map2
U23SA861Y : I wouldn't pull an import just for (,)
U4F64AKQV : In all likelihood you'll be using other stuff from List.Extra anyway
U23SA861Y : ```scanl: (a -> a -> b) -> List a -> List b
scanl fn l =
  List.tail l
    |> Maybe.withDefault []
    |> List.map2 (flip fn) l
...

```

```
U5DDM498S : what tools would you recommend to mock RESTful APIs?
U48AEBJQ3 : I would still at least go```
List.map2 f
  xs
  (List.tail xs |> Maybe.withDefault [])
...

```

```
U2UGVS24E : <@U5DDM498S> do you mean a path that you can send data to?
U2UGVS24E : and get a response from?
U5DDM498S : yes, responses can be hardcoded
U23SA861Y : then just a static webserver
U5DDM498S : but handle different HTTP verbs and URLs
U5AEH3L05 : man y'all cut that function down real good. thanks for showing me how nice it can get!
U2UGVS24E : You should be able to make a single file Flask (Python) app or Express (nodejs) app without much work
U2UGVS24E : I just googled and found this example:
U2UGVS24E : you can probably define more paths user `<http://router.post|router.post>`, `router.put`, etc in the middle
section

```