Subject: Re: Nested data structures
Posted by wlandsman on Fri, 26 Dec 2014 20:02:12 GMT
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Thanks Mike and Chris for pointing me in the right direction.

I want to build the data structure one step at a time, and it took me a while to figure out how to add new cities, but concatenation works nicely. --Wayne

```
IDL> person['Colorado'] += hash('FtCollins',5)
IDL> person
{
   "Colorado": {
      "Boulder": 1,
      "FtCollins": 5,
      "Denver": 2
   },
   "Arizona": {
      "Tucson": 3,
      "Phoenix": 4
   }
}
```

On Wednesday, December 24, 2014 7:11:54 PM UTC-5, Mike Galloy wrote:
> On 12/24/14, 2:29 PM, wlandsman wrote:
>> I am trying to build a data structure that will allow me to specify a person by his State, city, street and street. (This is not my actual need, but it is analogous.) Thus I might specify (as metacode)
>>
>> ['Colorado']['Boulder']['Pearl'][9990] = 'John'
>>
>> I assume this can be done with nested hashes or dictionaries, but I am having difficulty figuring out how to start. I started writing something like
>>
>> person = [hash('colorado',['boulder','Denver'], hash('Arizona',[Tuscon','Phoenix'])
>>
>> but I get lost in making the nesting clear. thanks for any help. --Wayne
>>
>>
>
> Is something like this what you are trying to do?
>
> IDL> person = hash('Colorado', hash('Boulder', 1, 'Denver', 2),
> 'Arizona', hash('Tucson', 3, 'Phoenix', 4))
> IDL> (person['Colorado'])['Denver']
>   2
>

> Mike
> --
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