

ionify

invoked object notation implemented for you

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inspiration

coding is complex



ion: invoked object notation


```
~ { "json" : "data" } <= /observable json/  
+ { log : '👋🧑💻' } <= /message logging/  
& ["observable text"] <= /observable text/
```


ionify: ion implemented for you

modular code


```
~  
{ re:  
  { id: 'my.ion@doma.in'  
    , by: 'a.🇬🇪.developer'  
    , in: 'georgetown.guyana.south-america.earth'  
    , is: "an internet discoverable module"  
    }  
}
```


domain-specific languages


```
~
{ re:
  { id: 'ask.say@ions.iskitz.net'
  , by: 'mike.lee'
  , on: -7.20150728
  , to: -7.20200430
  , at: +1.4
  , in: 'san-jose.california.usa.earth'
  , is: "an ask & say domain-specific language ion"
  },

  on:
    ['ask', 'say'],

  ask:
    function ask (ion)
      { ask.with.answer = prompt (ask.with.prep (ion.ask)) || ''
      },

  say:
    function say (ion)
      { alert (say.with.prep (ion.say))
      },

  prep:
    function prep (quote)
      { return quote.replace (/\[answer\]/g, prep.with.answer)
      }
}
```


~ /These ask.say ions can be in separate files./

~ { say: "👋 Hi!" }

~ { ask: "What's your name?" }

~ { say: "Hi [answer]! I'm Math E. Bot 🧐" }

~ { ask: "[answer], what's 2 x 2?" }

~ { say: "[answer]? Really? 🤔" }

~ { ask: "Can I ask you another question?" }

~ { say: 'I thought you\'d say "[answer]" 😏' }

iterate code


```
~
{ re:
  { id: 'frendlee@ionified.net'
  , by: 'mike.lee@ionify.net'
  , on: -8.20171208
  , to: -7.20200430
  , in: 'san-jose.california.usa.earth'
  , is: "a literate & natural language programming exploration"
  },

  do:
    [ "say hello"
    , "ask their name"
    , "invite them to play"
    ],

  "say hello":
    {say: "Hi! I'm Frend Lee!"},

  "ask their name":
    {ask: "What's your name?"},

  "invite them to play":
    {ask: "Hi [answer]! Wanna play?!"}
}
```


code as prose


```
you = {say: 'do you see all the things' }  
can = {say: 'we can do' }  
write = {say: 'if we write' }  
code = {say: 'our code' }  
as = {say: 'as actionable words within'}  
prose = {say: 'phrases & sentences?! 🧐' }
```

```
'With ionify' - you - can - write - code - as - prose;
```


vision

