Narrato

www.narrato.co

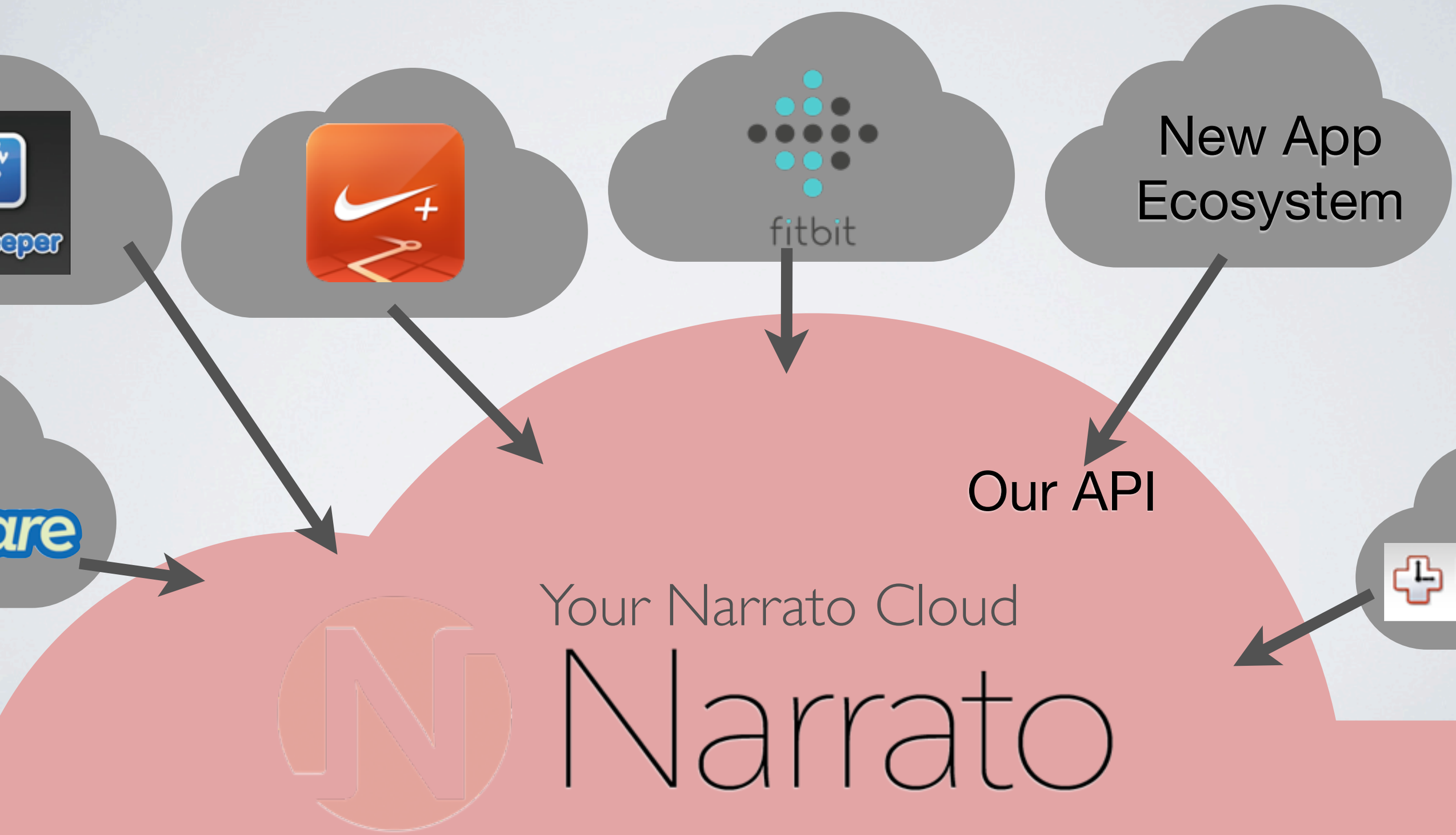
@narratoapp

The Problem

@narratoapp

@narratoapp

The Solution



Defining data in Narrato

```
{
    "properties": {
        "diastolic": {
            "minimum": 0,
            "type": "number"
        },
        "systolic": {
            "minimum": 0,
            "type": "number"
        }
    },
    "required": [
        "diastolic",
        "systolic"
    ],
    "type": "object"
}
```

Blood Pressure

@narratoapp

The Result


```
{
    "key": "core.bloodpressure",
    "value": {
        "diastolic": 100.0,
        "systolic": 70.0
    }
}
```

An Example: SleepCycle

Point and laugh!

@narratoapp

```
{
   "item": {
      "uuid": "7D717A6E-B376-48F7-8CD9-3BDEF425FEE9",
      "created": "2013-05-31T22:58Z",
      "annotations": [
         {
            "value": {
               "duration": 28887.654540002346,
               "movementsPerHour": 46.816254800770444,
               "sleepQuality": 0.7318478237188583,
               "startTime": 1367018158.12416
            },
            "key": "org.ramy.sleepcycle"
         }
      ]
   },
}
```

/api/v1/items/csv?

ann_key=org.ramy.sleepcycle&

cols=*core.item/created*,

org.ramy.sleepcycle/duration,

org.ramy.sleepcycle/sleepQuality,

Et Voila!!! (Recognise this?)

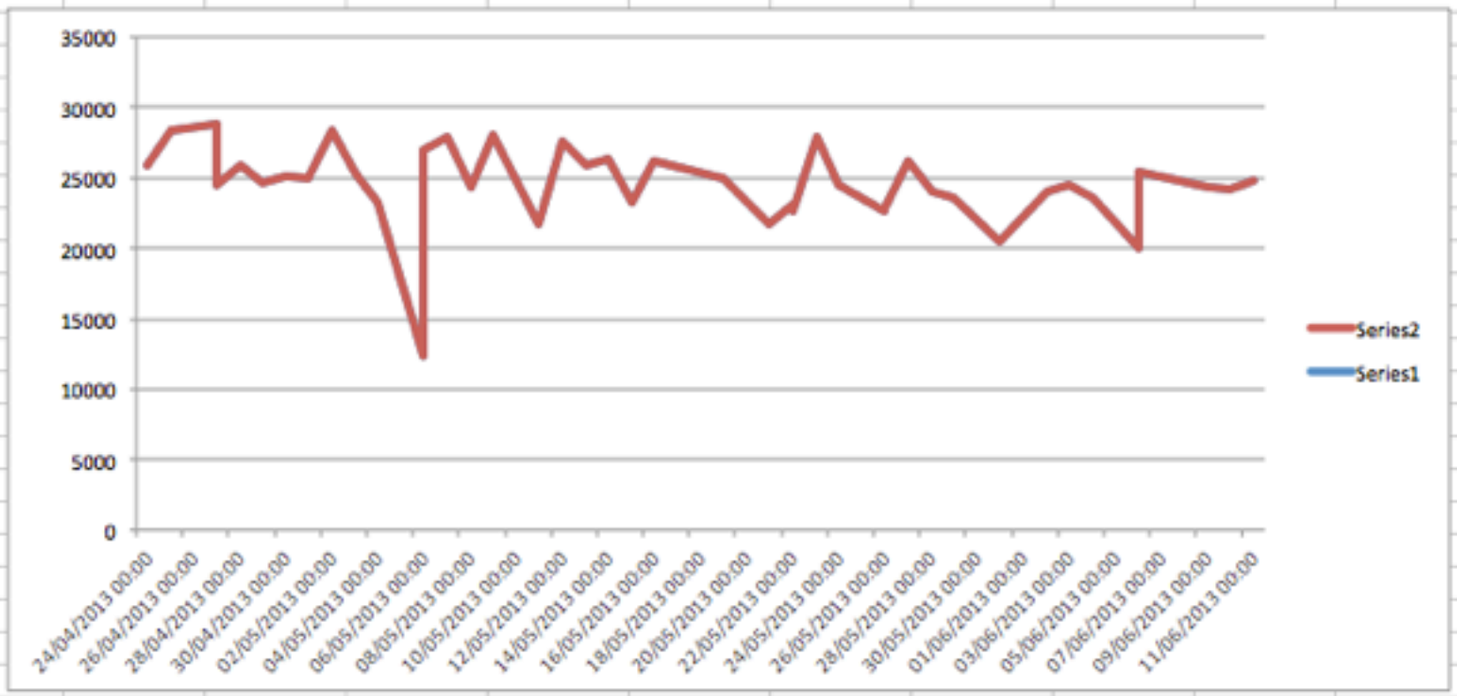
```
"2013-06-11 23:12:32","24758.226102","0.75980794472"
"2013-06-10 23:33:07","24196.530752","0.705014165739"
"2013-06-09 22:57:48","24319.08088","0.658474711731"
"2013-06-06 23:08:00","25366.498352","0.75399444801"
"2013-06-06 00:32:43","20093.557866","0.603797684143"
"2013-06-04 23:35:35","23615.308631","0.726989807502"
"2013-06-03 23:21:00","24555.905417","0.417703655636"
"2013-06-02 23:08:10","23960.317805","0.514539288695"
"2013-05-31 00:28:13","20472.065626","0.641606431044"
"2013-05-29 23:16:54","23538.38147","0.709459949473"
"2013-05-28 23:10:54","24086.665628","0.752460059856"
"2013-05-27 23:16:44","26145.329068","0.739993924814"
"2013-05-26 23:58:22","22824.559831","0.644337835822"
"2013-05-26 00:41:21","22668.084476","0.644185358187"
"2013-05-24 23:59:58","24470.746333","0.741174961923"
"2013-05-23 22:47:30","27874.890438","0.811457730763"
"2013-05-22 23:59:54","22658.049919","0.7074121149"
```

@narratoapp

Graphs!

P11

	A	B	C
1	11/06/2013 23:12	24758.2261	0.75980794
2	10/06/2013 23:33	24196.5308	0.70501417
3	09/06/2013 22:57	24319.0809	0.65847471
4	06/06/2013 23:08	25366.4984	0.75399445
5	06/06/2013 00:32	20093.5579	0.60379768
6	04/06/2013 23:35	23615.3086	0.72698981
7	03/06/2013 23:21	24555.9054	0.41770366
8	02/06/2013 23:08	23960.3178	0.51453929
9	31/05/2013 00:28	20472.0656	0.64160643
10	29/05/2013 23:16	23538.3815	0.70945995
11	28/05/2013 23:10	24086.6656	0.75246006
12	27/05/2013 23:16	26145.3291	0.73999392
13	26/05/2013 23:58	22824.5598	0.64433784
14	26/05/2013 00:41	22668.0845	0.64418536
15	24/05/2013 23:59	24470.7463	0.74117496
16	23/05/2013 22:47	27874.8904	0.81145773
17	22/05/2013 23:59	22658.0499	0.70741211
18	22/05/2013 00:06	23051.7187	0.64103993
19	21/05/2013 00:14	21682.1703	0.68133711
20	19/05/2013 23:27	24894.1867	0.78092204
21	16/05/2013 23:23	26178.3766	0.70696397
22	15/05/2013 23:01	23252.211	0.67160963
23	14/05/2013 23:11	26407.3227	0.76980883
24	13/05/2013 23:23	25843.0882	0.42493184
25	12/05/2013 22:54	27635.5968	0.76556151
26	11/05/2013 01:07	21682.06	0.67788554
27	09/05/2013 22:47	28100.3094	0.80949436
28	08/05/2013 23:47	24350.966	0.71007646
29	07/05/2013 22:49	27877.3769	0.76316158
30	06/05/2013 23:04	26993.5454	0.82352753
31	06/05/2013 03:46	12371.6145	0.39717563
32	04/05/2013 23:25	23304.8563	0.66547248
33	03/05/2013 23:09	25285.1279	0.78247286
34	02/05/2013 22:30	28362.3521	0.70071531



@narratoapp

QUESTIONS?

www.narrato.co

@narratoapp