

What.

# What is OpenSurveyor?

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SotM Baltics 2013

21.02.2012 13:55:35.43 This is fake log  
21.02.2012 13:55:50.37 (obviously)  
21.02.2012 13:56:01.87 So let's assume we're driving  
21.02.2012 13:56:07.19 and there is a milestone  
21.02.2012 13:56:22.61 километровый столб  
21.02.2012 13:56:25.95 ^^^ that translates as a milestone  
21.02.2012 13:56:32.93 I just pressed F12 at the exact moment my imaginary car was passing it

- F1: Граница моста
- F2: Населённый пункт
- F3: Конец НП
- F4: Ограничение 40 км/ч
- F5: Ограничение 50 кмч
- F6: остановка слева
- F7: остановка справа
- F8: Магазин справа
- F9: Конец освещения
- F10: Начало освещения
- F11
- F12: километровый столб

```
<point time="2000-03-04T23:02:14.01+03:00">  
  <poi type="bridge" />  
  <property k="linear" v="start" />  
  <property k="surface" v="concrete" />  
</point>
```

```
<point time="2000-03-04T23:18:55.23+03:00"  
direction="right">  
  <attachment type="image/jpeg"  
file="photo0004.jpg" />  
</point>
```

```
<point time="2000-03-04T23:22:00.15+03:00">  
  <attachment type="audio/mp3"  
file="recording01.mp3">  
    <mark time="2000-03-04T23:22:03.58+03:00" />  
    <mark time="2000-03-04T23:22:05.20+03:00" />  
  </attachment>  
</point>
```

# Google Summer of Code 2013

*OpenStreetMap / OSGeo*

**Pavel Melnikov** from Novosibirsk  
Mentored by Ilya Zverev



Open Surveyor - Trakle

Surface:  асф.  грунт

lanes: 1 2 3 4

Приток:  lit  YES  NO

После нажатия  
можно установить  
гол. характеристики  
(+ текст, заметка)

← Напр. по умолчанию

toggle-кнопки (но затем восстанавливаются)

← Все это пресет! разные пресеты  
где зрота, загорода, пеш. прогулки

11-page design document and a hand-drawn picture

3G [Battery icon] 6:22



# Buttons



```

18:22:23.458 This is POI 1
18:22:24.00 This is POI 4
18:22:24.539 This is POI 8
18:22:25.291 This is POI 6
18:22:26.686 This is POI 2

```

#0	#1	#2
#3	#4	#5
#6	#7	#8

A central navigation area featuring a touchpad with directional arrows and a scroll wheel. Surrounding it are circular icons for camera, volume up/down, power, call, home, MENU, back, and search.

1 !	2 @	3 #	4 \$	5 %	6 ^	7 &	8 *	9 (	0
Q	W ~	E "	R `	T {	Y }	U -	I -	O +	P
A	S \	D ' /	F [	G ]	H <	J >	K ;	L :	DEL
HOME	Z	X	C	V	B	N	M	.	←
ALT	SYM	@		→	/ ?	,			AL



Add POIs and notes by  
clicking buttons below

Bridge

Milestone

Bus stop

Town start

Town end

Speed limit

Crossroad

Zebra

Shop





# Buttons ← Presets

- Actual OSM tags (not sure)
- 5 seconds to start adding properties
- E.g. km for a milestone or a name for POI
- Toggle buttons
- Directional buttons

01:14:46 Магазин ←  
01:14:48 Магазин →  
01:14:52 Магазин

Text note	Магазин	Освещение
Зебра	Мост	Населенны й пункт
	км столб	

open  
surv  
eyor

This was only a half of it

This was only a half of it

Walking

papers

# That's what OpenSurveyor is

Thanks!

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SotM Baltics 2013