

RouteGadget

What is it?

It is described by its developer, Jarkko Ryyppö, as:

“A Web utility for drawing and comparing orienteering routes”

Jarkko is a Finnish orienteer, and is developing the Gadget as a hobby and offers it for free for non-commercial use.

RouteGadget

What can you do with it?

Competitors can plot the routes they took during a race.

The screenshot displays the RouteGadget website interface for a specific event. The main map area shows a topographic map with a route plotted in purple and red, marked with numbered points (1-7). The interface includes a navigation menu at the top with links like 'EckO Home page', 'Events index', and 'GPS'. A control panel on the right side contains several options: 'Draw your route' (checked), 'Snap on/off' (checked), 'Course 3 (3)', 'Frances Brown 51:39', a 'Type your comment' text area, a 'Save route' button, a 'Choose competitors (max 10)' section, and a list of controls for 'Routes on/off', 'Course on/off', 'Names on/off', 'Zoom' (+/- buttons), and 'Smooth scaling'. At the bottom of the control panel are buttons for 'View animation', 'View routes', 'View comments', 'Deselect all', and 'Mass start' (checked).

RouteGadget

What can you do with it?

Anyone can then visit the site and view the routes plotted by others.

The screenshot shows the RouteGadget website interface for the 2006-05-07 Creag Mhic, SOL4 / FCC Final. The main map displays a topographic map with a route plotted in red and purple. The route is labeled with numbers 1 through 11. The sidebar on the right contains the following information:

Draw your route Snap on/off

	1	2	3	4
Gill Berrow	4.57	5.43	3.54	9.5

Route lengths (in pixels)

	1	2	3	4
Gill Berrow	126	238	174	402

Choose competitors (max 10)

Course 10 (7)

- * Steve Barrett 44:40
- Graham McIntyre 46:14
- * Hilary Quick 52:59
- * Gill Berrow 56:44
- Mark Holliday 59:15
- Pauline McAdam 59:17
- Sheila Strain 60:03
- Fran Loots 61:17
- * Fran Hoare 61:27
- * Kate Penny 61:35
- Christine Patterson 62:21
- Lester Hartmann 64:21
- * Lindsey Knox 64:31
- Trish Coombs 64:52
- Susan Stevens 65:05

Routes on/off

Course on/off

Names on/off

Zoom

Smooth scaling

View animation Mass start

View routes

View comments

Deselect all

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What can you do with it?

You can compare up to 10 competitors on screen at any one time.

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Draw your route Snap on/off

Martin Dean	3.30	3.01	4.05	2.1
Duncan Francis	3.43	2.21	4.03	2.2
Hyslop Andy	3.28	2.14	4.04	2.1
Robin Orr	3.45	2.42	4.44	2.2
Sarah Dunn	3.51	2.56	4.19	2.4
Eddie Harwood	4.01	3.18	4.14	2.5
Robert Bloor	4.10	2.41	4.39	2.2

Choose competitors (max 10)

Course 12 (30)

- * Martin Dean 57:59
- * Donald Petrie 60:21
- * Duncan Francis 61:28
- * Peter Haines 62:25
- * Hyslop Andy 63:42
- * Robin Orr 65:23
- Alison O'Neil 66:56
- Roger Coombs 67:34
- * Sarah Dunn 67:34
- Axel Blomquist 68:39
- * Eddie Harwood 68:43
- * Alistair Wood 69:17
- Robert Hickling 70:07
- * Robert Bloor 70:50
- Andy Lewsley 72:05

Routes on/off
Course on/off
Names on/off
Zoom
Smooth scaling

Mass start

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What can you do with it?

You can view a replay of the race, with coloured squares moving across the map simulating a mass start in line with the actual splits.

The screenshot displays the RouteGadget interface for the 2006-05-07 Creag Mhic, SOL4 / FCC Final. The main map shows a topographic view of the race course with several competitors marked by colored squares: Peter Haines (blue), Martin Dean (red), Duncan Francis (yellow), Donald Petrie (purple), Robin Orr (pink), and Hyslop Andy (green). The map also features a purple line representing the race route and several purple circles with numbers (8, 5, 9) indicating split points. The control panel on the right includes a 'Draw your route' checkbox, a 'Snap on/off' checkbox, a 'Route lengths (in pixels)' section, a 'Choose competitors (max 10)' dropdown menu, a list of competitors with their times, and buttons for 'View animation', 'View routes', 'View comments', 'Deselect all', 'Mass start', 'Start', 'Stop', 'Pause', 'Speed +', and 'Speed -'. The website's navigation menu at the top includes links for 'EckO Home page', 'Events index', and various language options.

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Draw your route Snap on/off

Route lengths (in pixels)

Choose competitors (max 10)
Course 12 (30)

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Routes on/off
Course on/off
Names on/off
Zoom

 Mass start

RouteGadget

What are the benefits?

It adds another dimension to post-race analysis.

Analyzing other people's route choice is a good training aid.

Analyzing your own route is a good training aid.

Coaches can monitor from a distance & provide feedback.

Planners get feedback on how legs that they had visualised in their head, actually materialised.

RouteGadget



Does GPS fit in?



RouteGadget can import GPS tracks recorded during a run.

Some of the latest Garmin models work quite well in the forest.

Whilst not 100% accurate, they may be better than your memory!

Get the competitor to plot their route from memory and then look at their GPS route.

RouteGadget

How can I use it?

Normally RouteGadget is run on a website server.

But I have produced a CD that contains a stand alone version.

You only need to copy one folder to your computer hard drive or a USB memory stick.

You can then run RouteGadget without an internet connection.

This could be used at a training camp or even in the forest.

Nothing is installed on the computer, you can just delete the folder if you don't want it use it any more.

RouteGadget

Where to now?

Over to Lynne for more on how it can be used for coaching.

