Routes: Proposed Attributes

Original proposal

Attribute name	Description / Example
name	Name of route/opportunity
creator	Author or creator of the route
description	Freetext description of route
furtherInformationURL	link for more information
publicationDate	date/time route was published
activityType	e.g., 'walking', 'cycling'
surfaces	e.g. 'gravel', 'paved'
distance	Length of route.
difficulty	Difficulty or grade, e.g., 'moderate', 'easy'
grade	Rate of change in elevation
geoPath	Geometry of the route, poss. as GPX/line and/or start/finish lat/long. Possibly with segmentation of the route
ratings	User-submitted ratings of the Route
tags	e.g. "pushchair-friendly", "family", "forest walk"
amenities	e.g., "restaurant", "parking available"
trafficDescription	dates/times when likely to be busy
isLoop	Whether the route returns to its point of origin
undulation	Consistency of route elevation
segments	Individual sections of the route
wayPoints	Individual points along the route
startPoint	Point at which the overall route begins
endPoint	Point at which the overall route ends

verifiedBy	Person who has checked route information is accurate
lastUpdated	Last point at which route information was edited

Further Suggestions

shortDescription	Brief tagline or summary of the route
entitlementRestriction	Legal restrictions on or obstacles to use of the route
pragmaticRestriction	Physical restrictions on or obstacles to use of the route
wayfindingInformation	Freetext navigation guidance
duration	Length of time to complete route
town	Town to which route is convenient
district	Area to which route is convenient
publicTransportInformation	How to reach the route by public transport
safety	Safety information
maximumElevation	Highest point on route
minimumElevation	Lowest point on route
maximumGradient	Steepest part of the route, in %
averageGradient	Average gradient of the route in %
city	City associated with route
region	Region/State associated with route
country	2-letter country code for route
imageURLs	Route images. May be aligned with segments or waypoints?
mapReference	Ordnance Survey map reference for the route
suggestedEquipment	Some routes may need equipment to complete satisfactorily. E.g. helmet, hiking boots
segment.distance	Distance in KM for a particular segment of a Route
segment.duration	Estimated Time to cover the segments via different methods .e.g walking, cycling, running etc..

segment.geometry	Polyline / GeometryLineString in xx format that describes the segment
segment.startPoint	GeometryPoint to indicate the start of the segment
segment.endPoint	GeometryPoint to indicate the end of the segment
segment.wayPoints	Array of Waypoints found along the segment
segment.description	Textual description to give context to the segment
segment.name	Name/Title of segment
waypoint.name	Name/Title of segment
waypoint.geometry	GeometryPoint to represent a location
waypoint.description	Textual description to give context to the Waypoint
waypoint.imageURLs	Array of urls pointing to images that describe the Waypoint
waypoint.amenities	Array of amenities available at the Waypoint
waypoint.furtherInformation URL	link for more information