

Km4city Web App API

Web/Mobile

MicroApplication Services

On the basis of Smart City API

Produced by DISIT lab in
the context of Sii-Mobility project

Version 0.4

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Refer to: info@disit.org

-----CONFIDENTIAL-----

In substance, each view of the Web and Mobile App also known as: “Firenze dove cosa” and/or “Toscana dove cosa”, available on Goole Play, Apple store and Microsoft Store, and as HTML5 applications can be invoked separately to create microapplications. These microapplications are listed below together a link to call them. They can be invoked directly and embedded into third party web pages and in the Dashboard of the Dashboard Builder of DISIT Lab.

1. General Call

URL	https://www.km4city.org/webapp-new/
This call allows users to go directly to perform the functions in the web app without interacting with the buttons.	
Parameters	
operation	<p>-optional-</p> <p>One of the following values:</p> <ul style="list-style-type: none"> discovercity aroundyou aroundyou/accomodation aroundyou/agricultureandlivestock aroundyou/advertising aroundyou/civilandedilengineering aroundyou/culturalactivity aroundyou/educationandresearch aroundyou/emergency aroundyou/entertainment aroundyou/environment aroundyou/financialservice

aroundyou/governmentoffice
 aroundyou/healthcare
 aroundyou/industryandmanufacturing
 aroundyou/miningandquarrying
 aroundyou/shoppingandservice
 aroundyou/tourismservice
 aroundyou/transferserviceandrenting
 aroundyou/utilitiesandsupply
 aroundyou/wholesale
 aroundyou/wineandfood
 textsearch
 poi
 publictransport
 publictransport/ticket
 publictransport/pathfinder
 publictransport/timetable
 publictransport/tpsearcher
 privatetransport
 privatetransport/cyclepaths
 privatetransport/autosearcher
 privatetransport/carposition
 privatetransport/fuelstation
 privatetransport/parking
 privatetransport/pathfinder
 events
 suggestionsnearyou
 suggestions
 weather
 personalassistant
 environmentmenu
 environmentmenu/infosoc
 environmentmenu/weatherinmenu
 environmentmenu/cyclepathsenvironment
 environmentmenu/greenareas
 environmentmenu/agricultureandlivestockenvironment
 environmentmenu/environment2
 environmentmenu/pollen
 environmentmenu/pollution
 health
 health/emergencymenu
 health/healthcaremenu
 health/pharmacy
 health/firstaid
 other
 other/favourites
 other/chronology
 other/lastcontribution
 other/rating
 other/information
 other/tips
 authentication
 settings
 aboutus

SOME examples:

<https://www.km4city.org/webapp-new/?operation=discovercity>
<https://www.km4city.org/webapp-new/?operation=aroundyou>
<https://www.km4city.org/webapp-new/?operation=aroundyou/accomodation>
<https://www.km4city.org/webapp-new/?operation=aroundyou/agricultureandlivestock>
<https://www.km4city.org/webapp-new/?operation=aroundyou/advertising>

coordinates	<p>-optional-</p> <p><latitude>; <longitude></p> <p>If present, disables information coming from the GPS sensor and manually enters these values.</p>
<p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=discovercity</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/accomodation</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/accommodation</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/agricultureandlivestock</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/advertising</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/civilandedilengineering</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/culturalactivity</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/educationandresearch</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/emergency</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/entertainment</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/environment</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/financialservice</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/governmentoffice</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/healthcare</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/industryandmanufacturing</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/miningandquarrying</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/shoppingandservice</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/tourismservice</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/transferserviceandrenting</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/utilitiesandsupply</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/wholesale</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aroundyou/wineandfood</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=textsearch</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=poi</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=publictransport</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=publictransport/ticket</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=publictransport/pathfinder</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=publictransport/timetable</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=publictransport/tplsearcher</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/cyclepaths</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/autosearcher</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/carposition</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/fuelstation</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/parking</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=privatetransport/pathfinder</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=events</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=suggestionsnearyou</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=suggestions</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=weather</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=personalassistant</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/infosoc</p> <p>https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/weatherinmenu</p>	

new/?coordinates=43.720953;10.409746&operation=environmentmenu/cyclepathsenvironment https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/greenareas https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/agricultureandlivestockenvironment https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/environment2 https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/pollen https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=environmentmenu/pollution https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=health https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=health/emergencymenu https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=health/healthcaremenu https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=health/pharmacy https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=health/firstaid https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/favourites https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/chronology https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/lastcontribution https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/rating https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/information https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=other/tips https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=authentication https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=settings https://www.km4city.org/webapp-new/?coordinates=43.720953;10.409746&operation=aboutus	
serviceuri	-optional- Considering a complete serviceuri http://www.disit.org/km4city/resource/Bus_ataflinea_Stop_FM1531_5 As parameters must be passed the last part i.e. Bus_ataflinea_Stop_FM1531_5
For example: http://www.km4city.org/webapp-new/?serviceuri=Bus_ataflinea_Stop_FM0017_5 http://www.km4city.org/webapp-new/?serviceUri=http://www.disit.org/km4city/resource/Bus_ataflinea_Stop_FM0017_5	

2. Optional parameters for specific operation

operation	publictransport/pathfinder privatetransport/pathfinder
destination	<latitude>; <longitude> These values are entered as the destination point and the route is calculated using the values entered in the coordinates parameter as the starting point
routeType	One of the following: car foot_shortest foot_quiet

3. Wider set of Examples

<https://www.km4city.org/webapp-new/?operation=discovercity>
<https://www.km4city.org/webapp-new/?operation=aroundyou>
<https://www.km4city.org/webapp-new/?operation=aroundyou/accomodation>
<https://www.km4city.org/webapp-new/?operation=aroundyou/agricultureandlivestock>
<https://www.km4city.org/webapp-new/?operation=aroundyou/advertising>
<https://www.km4city.org/webapp-new/?operation=aroundyou/civilandedilengineering>
<https://www.km4city.org/webapp-new/?operation=aroundyou/culturalactivity>
<https://www.km4city.org/webapp-new/?operation=aroundyou/educationandresearch>
<https://www.km4city.org/webapp-new/?operation=aroundyou/emergency>
<https://www.km4city.org/webapp-new/?operation=aroundyou/entertainment>
<https://www.km4city.org/webapp-new/?operation=aroundyou/environment>
<https://www.km4city.org/webapp-new/?operation=aroundyou/financialservice>
<https://www.km4city.org/webapp-new/?operation=aroundyou/governmentoffice>
<https://www.km4city.org/webapp-new/?operation=aroundyou/healthcare>
<https://www.km4city.org/webapp-new/?operation=aroundyou/industryandmanufacturing>
<https://www.km4city.org/webapp-new/?operation=aroundyou/miningandquarrying>
<https://www.km4city.org/webapp-new/?operation=aroundyou/shoppingandservice>
<https://www.km4city.org/webapp-new/?operation=aroundyou/tourismservice>
<https://www.km4city.org/webapp-new/?operation=aroundyou/transferserviceandrenting>
<https://www.km4city.org/webapp-new/?operation=aroundyou/utilitiesandsupply>
<https://www.km4city.org/webapp-new/?operation=aroundyou/wholesale>
<https://www.km4city.org/webapp-new/?operation=aroundyou/wineandfood>
<https://www.km4city.org/webapp-new/?operation=textsearch>
<https://www.km4city.org/webapp-new/?operation=poi>
<https://www.km4city.org/webapp-new/?operation=publictransport>
<https://www.km4city.org/webapp-new/?operation=publictransport/ticket>
<https://www.km4city.org/webapp-new/?operation=publictransport/pathfinder>
<https://www.km4city.org/webapp-new/?operation=publictransport/timetable>
<https://www.km4city.org/webapp-new/?operation=publictransport/tplsearcher>
<https://www.km4city.org/webapp-new/?operation=privatetransport>
<https://www.km4city.org/webapp-new/?operation=privatetransport/cyclepaths>
<https://www.km4city.org/webapp-new/?operation=privatetransport/autosearcher>
<https://www.km4city.org/webapp-new/?operation=privatetransport/carposition>
<https://www.km4city.org/webapp-new/?operation=privatetransport/fuelstation>
<https://www.km4city.org/webapp-new/?operation=privatetransport/parking>
<https://www.km4city.org/webapp-new/?operation=privatetransport/pathfinder>
<https://www.km4city.org/webapp-new/?operation=events>
<https://www.km4city.org/webapp-new/?operation=suggestionsnearlyou>
<https://www.km4city.org/webapp-new/?operation=suggestions>
<https://www.km4city.org/webapp-new/?operation=weather>
<https://www.km4city.org/webapp-new/?operation=personalassistant>
<https://www.km4city.org/webapp-new/?operation=environmentmenu>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/infosoc>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/weatherinmenu>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/cyclepathsenvironment>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/greenareas>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/agricultureandlivestockenvironment>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/environment2>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/pollen>
<https://www.km4city.org/webapp-new/?operation=environmentmenu/pollution>
<https://www.km4city.org/webapp-new/?operation=health>
<https://www.km4city.org/webapp-new/?operation=health/emergencymenu>
<https://www.km4city.org/webapp-new/?operation=health/healthcaremenu>
<https://www.km4city.org/webapp-new/?operation=health/pharmacy>
<https://www.km4city.org/webapp-new/?operation=health/firstaid>
<https://www.km4city.org/webapp-new/?operation=other>
<https://www.km4city.org/webapp-new/?operation=other/favourites>
<https://www.km4city.org/webapp-new/?operation=other/chronology>
<https://www.km4city.org/webapp-new/?operation=other/lastcontribution>

<https://www.km4city.org/webapp-new/?operation=other/rating>
<https://www.km4city.org/webapp-new/?operation=other/information>
<https://www.km4city.org/webapp-new/?operation=other/tips>
<https://www.km4city.org/webapp-new/?operation=authentication>
<https://www.km4city.org/webapp-new/?operation=settings>
<https://www.km4city.org/webapp-new/?operation=aboutus>
https://www.km4city.org/webapp-new/?operation=pathfinder&destination=43.720953;10.409746&coordinates=43.533860;11.568589&routeType=foot_shortest#b