Barclays Cycle Hire – Data Dictionary

This xml feed is automatically generated from the Barclays Cycle Hire Scheme (BCH) at 3 minute intervals.

Attribute	Description and values
stations	Parent attribute containing two additional attributes.
lastUpdate	Date at which the xml file was last updated. **Format:** milliseconds elapsed since 01 Jan 1970 (Unix Epoch time stamp).
version	Xml version, present for version 2.0 and up **Format:** alphanumeric
station	Indicates start / end of unique docking station record.
id	This number is the unique identifier for each bike station record corresponding to the unique ID in the database. Does not change. **Format:** integer
name	Text description of the bike stations as displayed on the map to the bike user. **Format:** alphanumeric
terminalName	This is name associated with the physical terminal which corresponds to the logical terminal name in the Service Provider's bike management system. **Note:** the terminalName should not be used to identify the station. **Format:** alphanumeric
lat	Latitude of the location of the bike station. **Format:** decimal degrees
long	Longitude of the location of the bike station.

	Format: decimal degrees
installed	Text description specifying whether the bike station is available for usage. **Format:** boolean The values will be text, as follows: **True** – bike station is installed **False** – bike station has not yet been installed or has recently been removed
Locked	Text description specifying whether the bike station is currently locked or not. A locked station will allow a bike user to return a bike but not rent one from this station. **Format:** boolean The values will be text, as follows: **True** – bike station is locked **False** – bike station is not locked
installDate	The time at which the terminal and other equipment was installed at that bike station. Used when the station is announced but not yet installed. Field can be empty. **Format:** milliseconds elapsed since 01 Jan 1970 (Unix Epoch time stamp).
removalDate	The time at which the terminal and other equipment will be removed. Field can be empty if no removal is planned. **Format:** milliseconds elapsed since 01 Jan 1970 (Unix Epoch time stamp).
temporary	Text description specifying whether or not a bike station is a temporary installation. Usually installed for a special event and removed after a short period of time. **Format:** boolean
nbBikes	Total number of available bikes at a docking station, excluding any locked/faulty bikes that cannot be rented. **Format:** integer
nbEmptyDocks	Total number of available docking points at a docking station. A bike dock is empty when no bike is docked in it. It excludes any defective bike docks, ie those that do not allow a bike to be docked in.

	Format: integer
nbDocks	Total number of docking points at a docking station. **Format:** integer

Other related descriptions

Term	Description
Bike dock	A cradle placed at a bike station that holds and locks in unrented bikes
Bike station	The collection of equipment including the terminal with bike docks and bikes that allows bike users to rent bikes, also known as a station
Bike user	Refers to the person who subscribes to the BCH scheme, either as a casual user or a member
Terminal	The physical terminal body and its components associated with the bike station. The bike user interacts with the terminal in order to do various transactions related to bike rentals.

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