Valenbisi\FGV Fast-Tracker

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Cities are growing day by day and mobility in large cities can become a big struggle due to the high amounts of people using public transport for every day commutes.

This app was created with this issue in mind and is meant to provide a reliable source of information regarding two of the most used transportation methods in Valencia, these are FGV metro and Valenbisi bikes.

The idea behind it was to be able to check for both services at one place, which can provide real time info on both. For this, Open Data APIs from the Valencian Townhall where used and fresh data is downloaded in every run of the app, so we can get the most reliable on-time data.

For Valenbisi the Fast-Tracker gathers information about bicycles availability in every Valenbisi station, except for those that have no bikes availible at the moment.

For FGV, the Fast-Tracker can recommend routes to a station of choice and also gathers information about the next trains/metros to come, icluding it's destination station and also the departure time.

But all of this information is not as useful if the user doesnt know its location. The app also implements a User Geolocation API via browser, to find a starting location and plot a personalized route for the user from his real-time position to the station of choice.