Using caching function of my project I got data. I recorded it in a normal .txt file because this is the most convenient way. I want to be able to recreate information not only about one person, but from their friends, friends of their friends, and etc. from this file. Data was saved is such way: each line has id number of a user. If there is a minus before an id number, this means that this is a friend of first user without a minus above. This template makes information accessible very easily. Also, it does not matter if I want to get friends of a user I collected information about, or of other person information about whom was recorded as a result.

Using this information, it is very easy to recover the tree. First of all, you need id of the user you want to be on top of the tree. I created a function, which reads a file and creates a dictionary with user ids as keys and lists of ids of friends of a user as values. Also, I created a separate function to create a User tree based on this dictionary.

Other advantage of this system is that I can add information about other users without the need for rewriting the save file.

I recorded friends and friends of friends of a Donald Trump on Twitter using this system, and saved it all in cache.txt.