Scripts for Finding Any IP Address in Your Netblocks Database Using a Binary Tree

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WhoisXML API has recently created two scripts to provide IP Netblocks Database users with a fast and easy way to retrieve the netblocks data of any IP address. The first script allows developers to create a binary tree database and save it as a pickle file, while the second script enables them to search the binary tree for a specific IP address.

For further information on our scripts or to submit a script idea that suits your requirements, please contact professional.services@whoisxmlapi.com.

How the Scripts Can Help Our Netblocks Database Users

With the help of the scripts, users managing large databases can perform:

- **Faster IP lookups:** A binary tree search algorithm can be significantly faster than searching a linear list, especially for large datasets like WhoisXML API's IP Netblocks Database. With these scripts, developers can look for specific IP addresses within the netblocks database much quicker than via other methods.

- **Improved efficiency:** The scripts automate the process of creating and searching the binary tree database, saving developers time and effort. They allow them to focus on building applications that leverage the fast IP lookups the binary tree provides.

- **Easy integration:** The ability to save the binary tree as a pickle file means developers can easily integrate the prebuilt binary tree into applications or add it to automated workflows.

- **Convenient serialization and deserialization:** Saving the binary tree as a pickle file allows developers to maintain the tree's state across different sessions or applications, removing the need to rebuild it frequently. Therefore, the scripts are valuable for developers working with applications that require frequent read access to the database.

Access the latest version of our binary tree creation and search scripts on GitHub.