

Documents

Here is a piece of C++ code hat seems very peculiar For some strange reason, sorting the data miraculously makes the code almost six times faster.

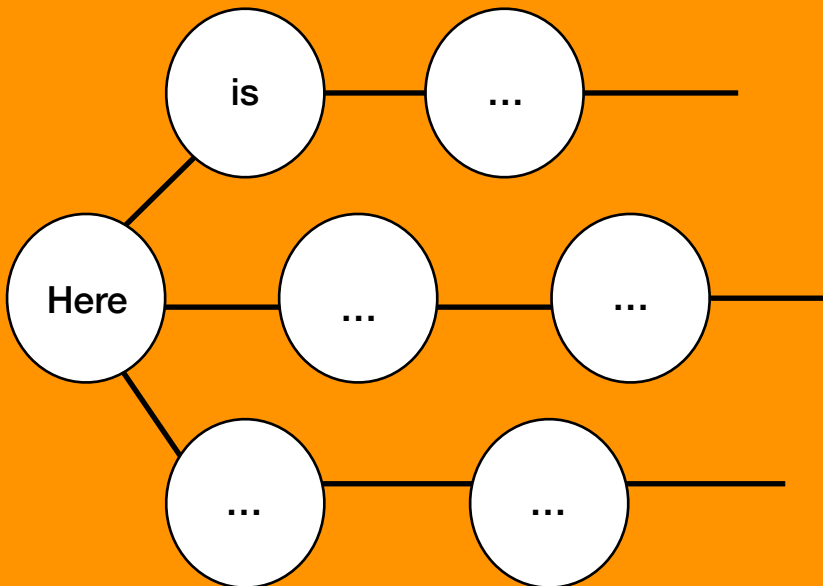
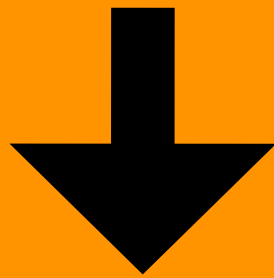
```
int main()
{
    // Generate data
    const unsigned arraySize = 32768;
    int data[arraySize];
    .....
```

Initially, I thought this might be just a language or compiler anomaly. So I tried it in Java.

```
public class Main
{
    public static void main(String[]args)
    {
        ...
        // Generate data
        int arraySize = 32768;
        int data[] = new int[arraySize];
        .....
```



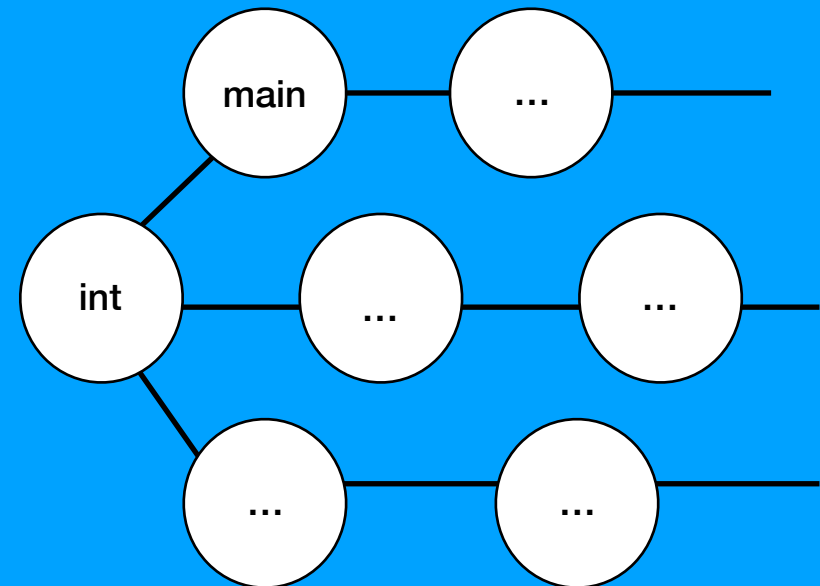
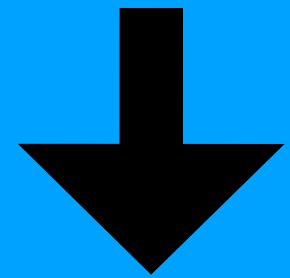
Train



Code LM



Train



Text LM