Discussion

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[Code-Golf] Shortest Word

To celebrate programming day, could we create solutions for a little challenge?

We have the following statement:

Given a string of words, return the length of the shortest word(s).

String will never be empty and you do not need to account for different data types.

Some test made in Java would be:


```java
import org.junit.Test;

import java.util.Arrays;
import java.util.Random;
import java.util.stream.Collectors;

import static org.junit.Assert.assertEquals;

/**
 * Created by Javatlacati on 01/03/2017.
 */
public class KataTest {
    @Test
    public void findShort() throws Exception {
        assertEquals(3, Kata.findShort("bitcoin take over the world maybe who knows perhaps"));
        assertEquals(3, Kata.findShort("turns out random test cases are easier than writing out basic ones"));

        assertEquals(3, Kata.findShort("lets talk about Java the best language"));
        assertEquals(1, Kata.findShort("i want to travel the world writing code one day"));
        assertEquals(2, Kata.findShort("Lets all go on holiday somewhere very cold"));
        assertEquals(2, Kata.findShort("Let's travel abroad shall we"));
    }

    public static int sol(String s) {
        return Arrays.stream(s.split(" ")).mapToInt(c -> c.length()).min().getAsInt();
    }

    String[] names = new String[]{"Bitcoin", "LiteCoin", "Ripple", "Dash", "Lisk", "DarkCoin", "Monero", "Ethereum", "Classic", "Mine", "ProofOfWork", "ProofOfStake", "21inc", "Steem", "Dogecoin", "Waves", "Factom", "MadeSafeCoin", "BTC"};
```

```
    @Test
    public void randomTests() throws Exception {
        Random r = new Random();
        int tam = r.nextInt(names.length);
        String a = Arrays.stream(names).unordered().skip(names.length - tam).collect(
Collectors.joining(" "));
        assertEquals(sol(a), Kata.findShort(a));
    }
}
```

How would you implement this in ObjectScript?

As a reference I will reply to the original post with my solution in Java

How would you implement this in ObjectScript?

#Code Snippet #Caché

Source URL:https://community.intersystems.com/post/code-golf-shortest-word