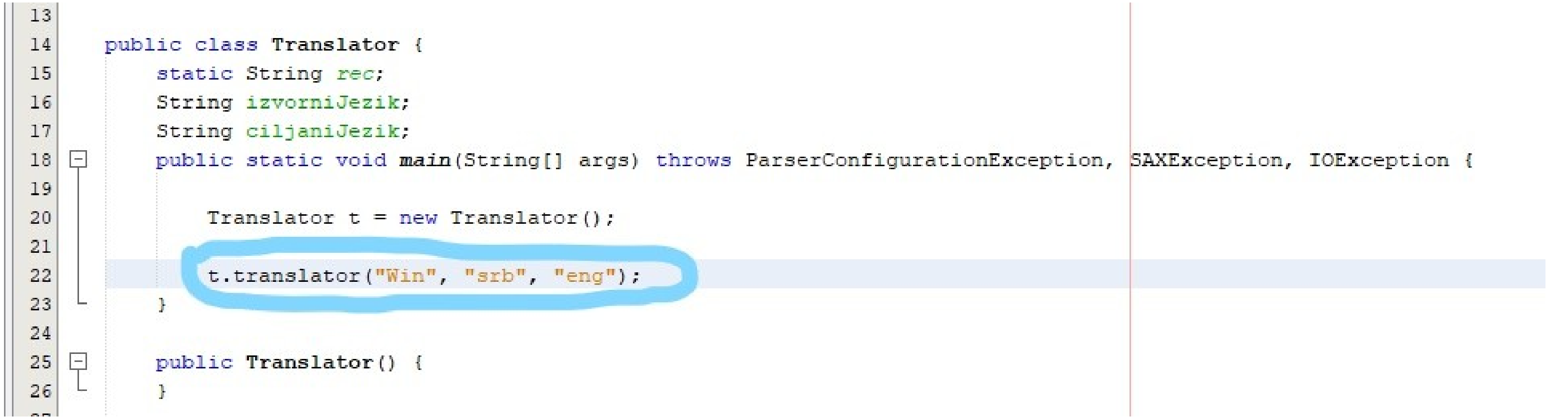
Translator

How it works ?

Step 1- input word and languages

Start by imputing word you want to translate, from what language, and to witch language you want to translate



```
public class Translator {
    static String rec;
    String izvorniJezik;
    String ciljaniJezik;
    public static void main(String[] args) throws ParserConfigurationException, SAXException, IOException {

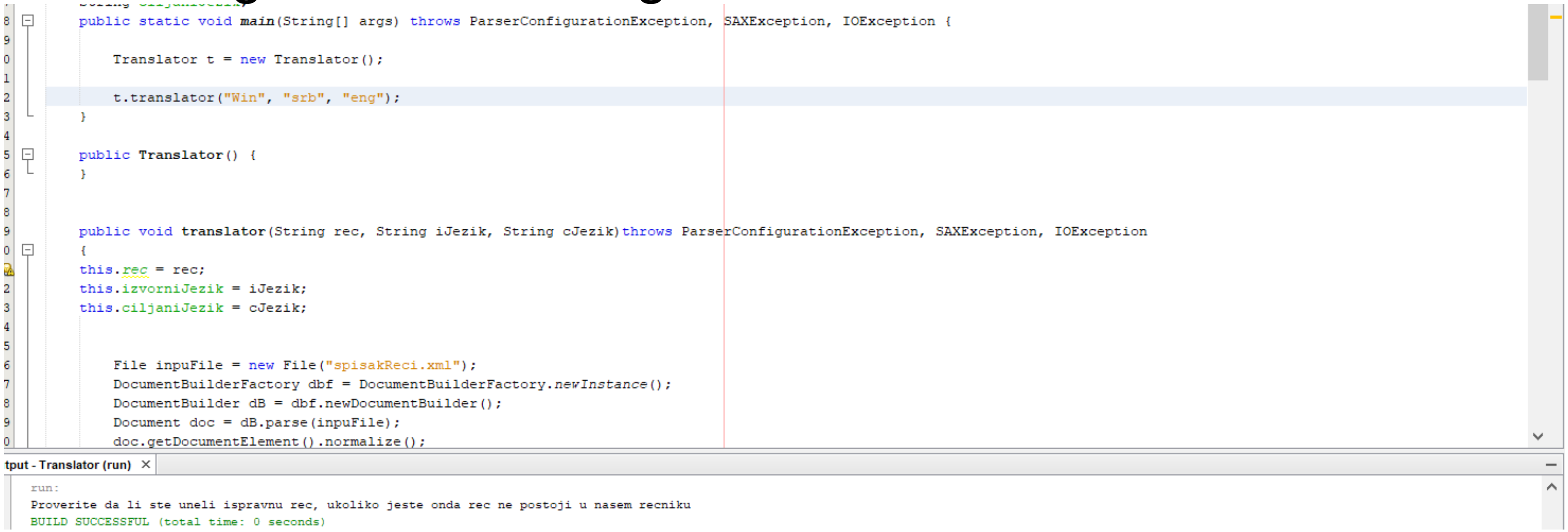
        Translator t = new Translator();

        t.translator("Win", "srb", "eng");
    }

    public Translator() {
    }
```

Step 2 – Incorrect input

If you input incorrect word, or an existing word
You will get error message



```
    public static void main(String[] args) throws ParserConfigurationException, SAXException, IOException {

        Translator t = new Translator();

        t.translator("Win", "srb", "eng");
    }

    public Translator() {
    }

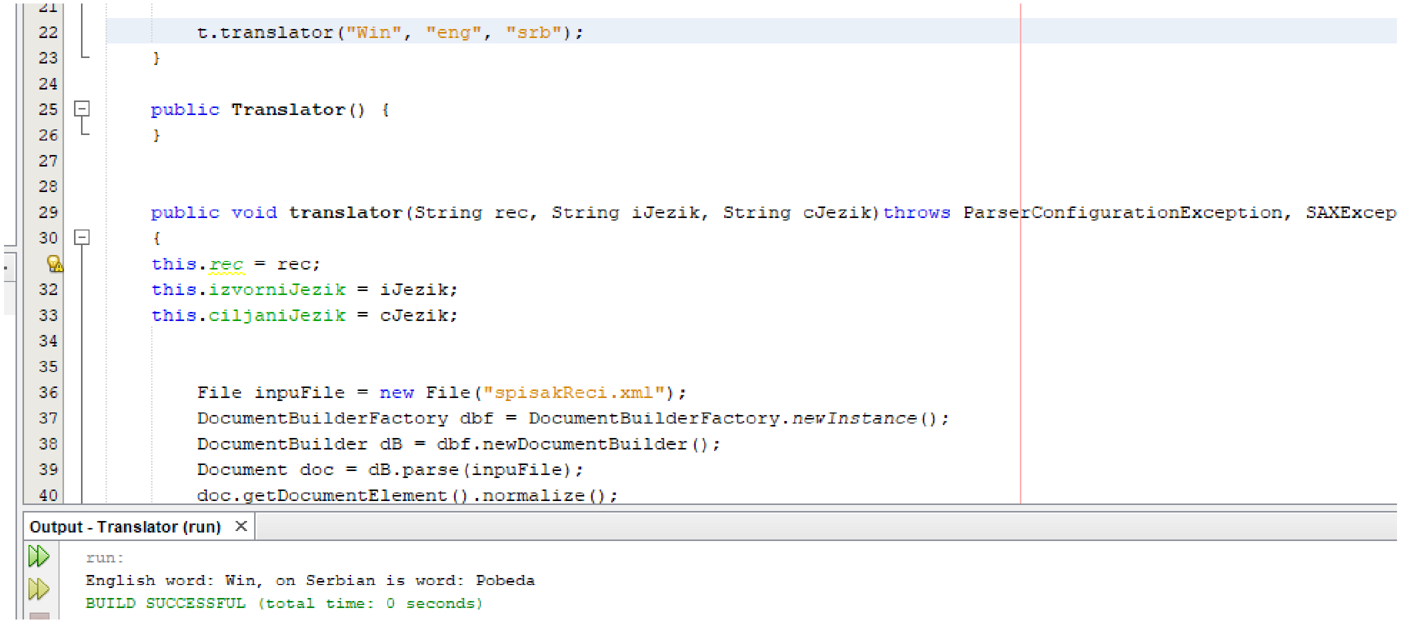

    public void translator(String rec, String iJezik, String cJezik)throws ParserConfigurationException, SAXException, IOException
    {
    this.rec = rec;
    this.izvorniJezik = iJezik;
    this.ciljaniJezik = cJezik;


        File inpuFile = new File("spisakReci.xml");
        DocumentBuilderFactory dbf = DocumentBuilderFactory.newInstance();
        DocumentBuilder dB = dbf.newDocumentBuilder();
        Document doc = dB.parse(inpuFile);
        doc.getDocumentElement().normalize();
```

```
run:
Proverite da li ste uneli ispravnu rec, ukoliko jeste onda rec ne postoji u nasem recniku
BUILD SUCCESSFUL (total time: 0 seconds)
```

Step 3- Correct input

If your input is correct, you will get your translated word



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        t.translator("Win", "eng", "srb");
    }

    public Translator() {
    }


    public void translator(String rec, String iJezik, String cJezik)throws ParserConfigurationException, SAXExcep
    {
    this.rec = rec;
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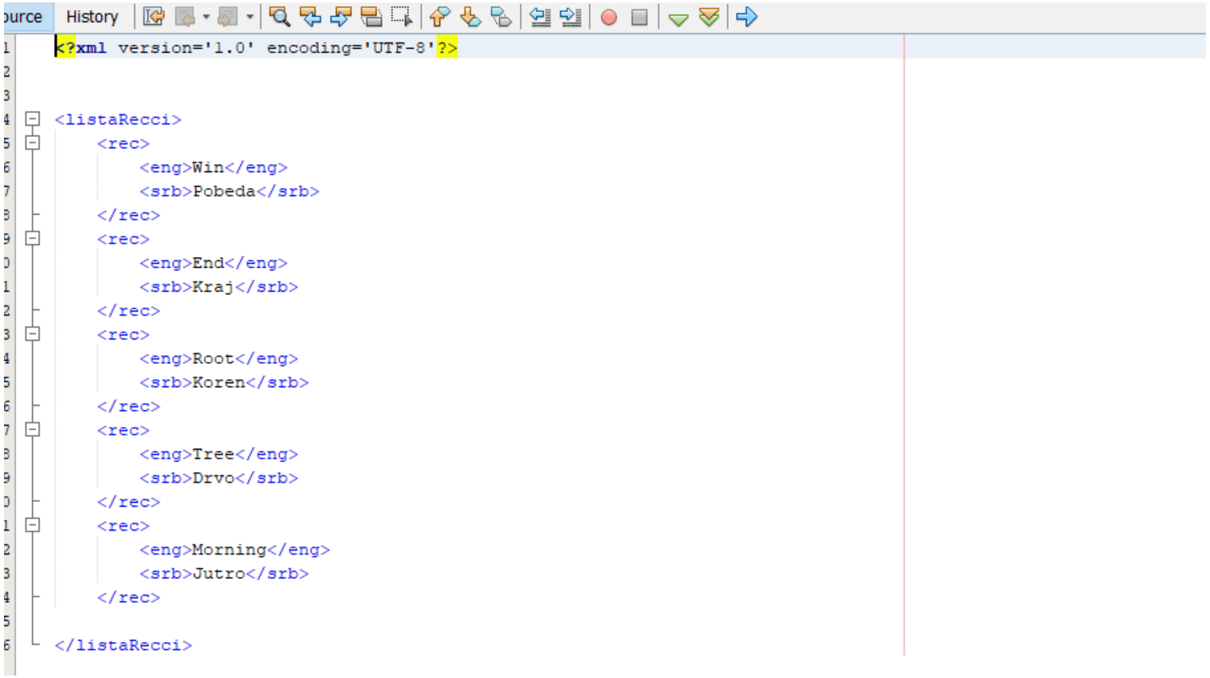
        File inpuFile = new File("spisakReci.xml");
        DocumentBuilderFactory dbf = DocumentBuilderFactory.newInstance();
        DocumentBuilder dB = dbf.newDocumentBuilder();
        Document doc = dB.parse(inpuFile);
        doc.getDocumentElement().normalize();
```

```
run:
English word: Win, on Serbian is word: Pobeda
BUILD SUCCESSFUL (total time: 0 seconds)
```

Step 4- List of words

Here’s some words in our translator



```
<?xml version='1.0' encoding='UTF-8'?>


<listaRecci>
    <rec>
        <eng>Win</eng>
        <srb>Pobeda</srb>
    </rec>
    <rec>
        <eng>End</eng>
        <srb>Kraj</srb>
    </rec>
    <rec>
        <eng>Root</eng>
        <srb>Koren</srb>
    </rec>
    <rec>
        <eng>Tree</eng>
        <srb>Drvo</srb>
    </rec>
    <rec>
        <eng>Morning</eng>
        <srb>Jutro</srb>
    </rec>

</listaRecci>
```