

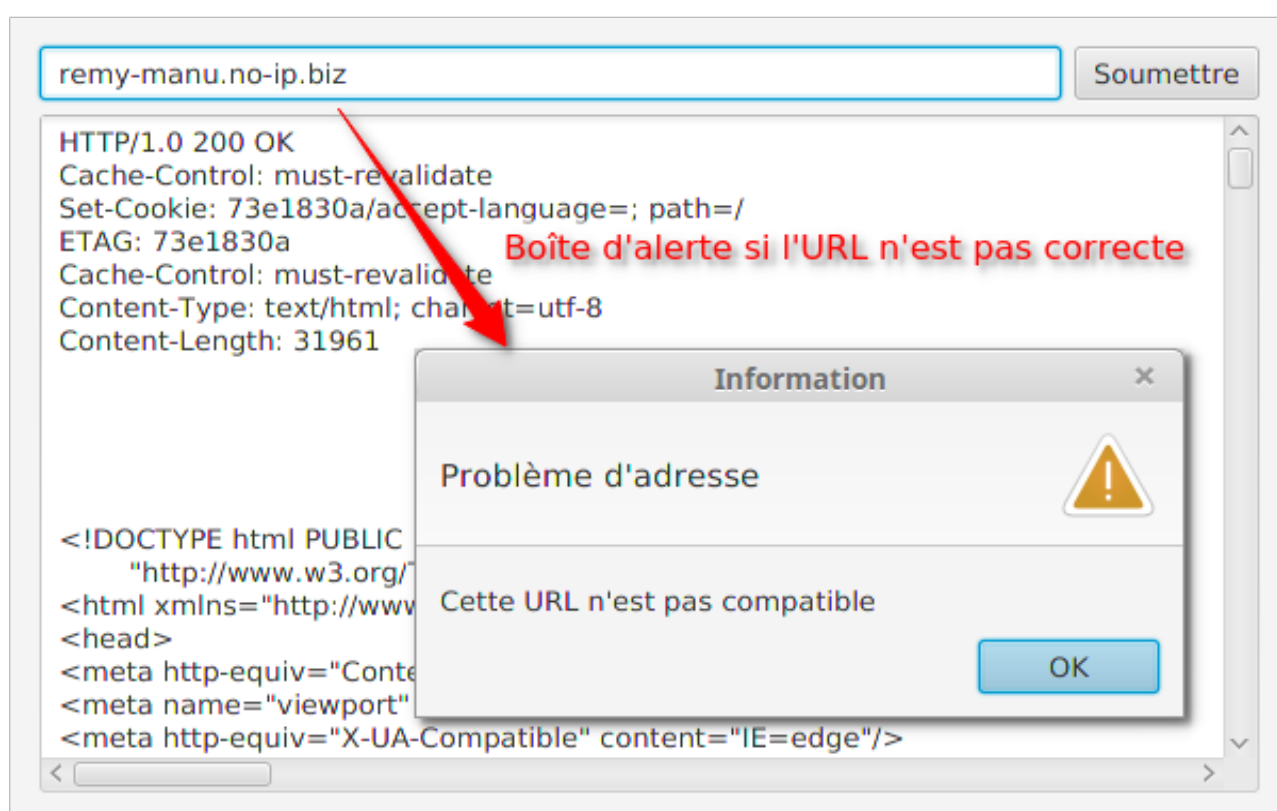
```
/home/manu/CloudStation/ProjetsJAVA/HTML/src/fx/HTML.java
```

```
package fx;

import javafx.application.Application;
import javafx.fxml.FXMLLoader;
import javafx.scene.*;
import javafx.stage.Stage;

public class HTML extends Application {

    @Override
    public void start(Stage fenêtre) throws Exception {
        Parent root = FXMLLoader.load(getClass().getResource("HTML.fxml"));
        Scene scene = new Scene(root);
        fenêtre.setTitle("Éditeur HTML");
        fenêtre.setScene(scene);
        fenêtre.show();
    }
}
```



/home/manu/CloudStation/ProjetsJAVA/HTML/src/fx/HTML.fxml

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

<?import java.lang.*?>
<?import java.util.*?>
<?import javafx.scene.*?>
<?import javafx.scene.control.*?>
<?import javafx.scene.layout.*?>

<AnchorPane prefHeight="413.0" prefWidth="534.0" xmlns="http://javafx.com/javafx/8"
  xmlns:fx="http://javafx.com/fxml/1" fx:controller="fx.HTMLController">
  <children>
    <TextField fx:id="adresse" layoutX="14.0" layoutY="14.0" prefHeight="25.0" prefWidth="413.0"
      AnchorPane.leftAnchor="14.0" AnchorPane.rightAnchor="107.0" AnchorPane.topAnchor="14.0" />
    <Button layoutX="433.0" layoutY="14.0" mnemonicParsing="false" onAction="#soumettre" text="Soumettre"
      AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="14.0" />
    <TextArea fx:id="document" layoutX="14.0" layoutY="47.0"
      AnchorPane.bottomAnchor="14.0" AnchorPane.leftAnchor="14.0"
      AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="47.0" />
  </children>
</AnchorPane>
```

```
/home/manu/CloudStation/ProjetsJAVA/HTML/src/fx/HTMLController.java
```

```
package fx;

import java.io.*;
import java.net.*;
import java.util.*;
import javafx.fxml.FXML;
import javafx.fxml.Initializable;
import javafx.scene.control.*;

public class HTMLController implements Initializable {
    private Socket service;
    @FXML private TextField adresse;
    @FXML private TextArea document;

    @FXML
    private void soumettre() {
        try {
            service = new Socket(adresse.getText(), 80);
            PrintWriter requête = new PrintWriter(service.getOutputStream(), true);
            Scanner réponse = new Scanner(service.getInputStream());
            requête.println("GET / HTTP/1.0\n");
            document.clear();
            while (réponse.hasNextLine()) document.appendText(réponse.nextLine()+"\n");
            service.close();
        }
        catch (IOException ex) {
            Alert attention = new Alert(Alert.AlertType.WARNING);
            attention.setTitle("Information");
            attention.setHeaderText("Problème d'adresse");
            attention.setContentText("Cette URL n'est pas compatible");
            attention.showAndWait();
        }
    }

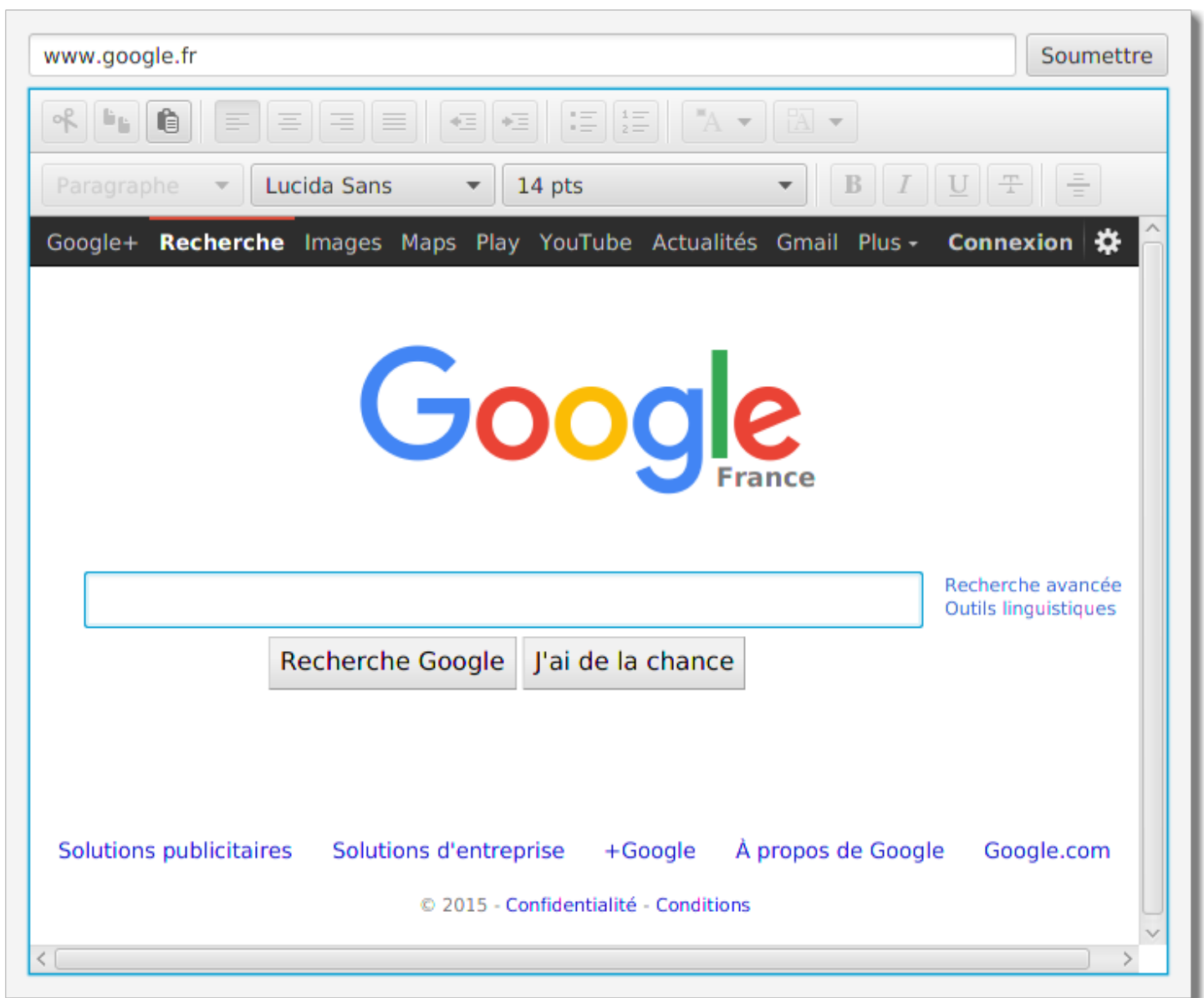
    @Override
    public void initialize(URL url, ResourceBundle rb) { }
}
```

/home/manu/CloudStation/ProjetsJAVA/HTML/src/fx/HTML.fxml

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

<?import java.lang.*?>
<?import java.util.*?>
<?import javafx.scene.*?>
<?import javafx.scene.control.*?>
<?import javafx.scene.layout.*?>
<?import javafx.scene.web.*?>

<AnchorPane prefHeight="413.0" prefWidth="534.0" xmlns="http://javafx.com/javafx/8"
  xmlns:fx="http://javafx.com/fxml/1" fx:controller="fx.HTMLController">
  <children>
    <TextField fx:id="adresse" layoutX="14.0" layoutY="14.0" prefHeight="25.0" prefWidth="413.0"
      AnchorPane.leftAnchor="14.0" AnchorPane.rightAnchor="107.0" AnchorPane.topAnchor="14.0" />
    <Button layoutX="433.0" layoutY="14.0" mnemonicParsing="false" onAction="#soumettre" text="Soumettre"
      AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="14.0" />
    <HTMLEditor fx:id="document" layoutX="14.0" layoutY="47.0"
      AnchorPane.bottomAnchor="14.0" AnchorPane.leftAnchor="14.0"
      AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="47.0" />
  </children>
</AnchorPane>
```



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```

```
package fx;

import java.io.*;
import java.net.*;
import java.util.*;
import javafx.fxml.FXML;
import javafx.fxml.Initializable;
import javafx.scene.control.*;
import javafx.scene.web.HTMLEditor;

public class HTMLController implements Initializable {
    private Socket service;
    @FXML private TextField adresse;
    @FXML private HTMLEditor document;

    @FXML
    private void soumettre() {
        try {
            service = new Socket(adresse.getText(), 80);
            PrintWriter requête = new PrintWriter(service.getOutputStream(), true);
            Scanner réponse = new Scanner(service.getInputStream());
            requête.println("GET / HTTP/1.0\n");
            StringBuilder html = new StringBuilder();
            while (réponse.hasNextLine()) html.append(réponse.nextLine()+"\n");
            service.close();
            document.setHtmlText(html.toString());
        }
        catch (IOException ex) {
            Alert attention = new Alert(Alert.AlertType.WARNING);
            attention.setTitle("Information");
            attention.setHeaderText("Problème d'adresse");
            attention.setContentText("Cette URL n'est pas compatible");
            attention.showAndWait();
        }
    }

    @Override
    public void initialize(URL url, ResourceBundle rb) { }
}
```

/home/manu/CloudStation/ProjetsJAVA/HTML/src/fx/HTML.fx.xml

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

<?import javafx.scene.image.*?>
<?import java.lang.*?>
<?import java.util.*?>
<?import javafx.scene.*?>
<?import javafx.scene.control.*?>
<?import javafx.scene.layout.*?>
<?import javafx.scene.web.*?>

<AnchorPane prefHeight="413.0" prefWidth="534.0" xmlns="http://javafx.com/javafx/8"
  xmlns:fx="http://javafx.com/fxml/1" fx:controller="fx.HTMLController">
  <children>
    <TextField fx:id="adresse" layoutX="14.0" layoutY="14.0" onAction="#soumettre" prefHeight="25.0" prefWidth="380.0
      AnchorPane.leftAnchor="14.0" AnchorPane.rightAnchor="140.0" AnchorPane.topAnchor="14.0" />
    <Button layoutX="402.0" layoutY="14.0" mnemonicParsing="false" onAction="#soumettre"
      AnchorPane.rightAnchor="98.0" AnchorPane.topAnchor="14.0">
      <graphic>
        <ImageView fitHeight="16.0" fitWidth="16.0" pickOnBounds="true" preserveRatio="true">
          <image>
            <Image url="@../icônes/Apply.png" />
          </image>
        </ImageView>
      </graphic>
    </Button>
    <WebView fx:id="navigateur" layoutX="14.0" layoutY="47.0" AnchorPane.bottomAnchor="14.0"
      AnchorPane.leftAnchor="14.0" AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="47.0" />
    <Button layoutX="436.0" layoutY="14.0" mnemonicParsing="false" onAction="#back"
      AnchorPane.rightAnchor="56.0" AnchorPane.topAnchor="14.0">
      <graphic>
        <ImageView fitHeight="16.0" fitWidth="16.0" pickOnBounds="true" preserveRatio="true">
          <image>
            <Image url="@../icônes/Back.png" />
          </image>
        </ImageView>
      </graphic>
    </Button>
    <Button layoutX="486.0" layoutY="14.0" mnemonicParsing="false" onAction="#forward"
      AnchorPane.rightAnchor="14.0" AnchorPane.topAnchor="14.0">
      <graphic>
        <ImageView fitHeight="16.0" fitWidth="16.0" pickOnBounds="true" preserveRatio="true">
          <image>
            <Image url="@../icônes/Forward.png" />
          </image>
        </ImageView>
      </graphic>
    </Button>
  </children>
</AnchorPane>
```



```
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```

```
package fx;

import java.net.*;
import java.util.*;
import javafx.fxml.FXML;
import javafx.fxml.Initializable;
import javafx.scene.control.*;
import javafx.scene.web.*;

public class HTMLController implements Initializable {
    private WebEngine moteurWeb;

    @FXML private TextField adresse;
    @FXML private WebView navigateur;

    @FXML private void soumettre() { moteurWeb.load(adresse.getText()); }
    @FXML private void back()      { moteurWeb.getHistory().go(-1); }
    @FXML private void forward()   { moteurWeb.getHistory().go(1); }

    @Override
    public void initialize(URL url, ResourceBundle rb) {
        moteurWeb = navigateur.getEngine();
    }
}
```