

Model::Klijent

Has constants too:

```
private static final int KREIRAJ_GRAD = 1;
private static final int KREIRAJ_KORISNIKA = 2;
private static final int PROMENA_EMAIL_ADRESE = 3;
private static final int PROMENA_MESTA = 4;
private static final int KREIRAJ_KATEGORIJU = 5;
private static final int KREIRAJ_AUDIO_SNIMAK = 6;
private static final int PROMENA_NAZIVA_SNIMKA = 7;
private static final int DODAJ_KATEGORIJU_SNIMKU = 8;
private static final int KREIRAJ_PAKET = 9;
private static final int PROMENA_CENE_PAKETA = 10;
private static final int KREIRAJ_PRETPLATU = 11;
private static final int KREIRAJ_SLUSANJE = 12;
private static final int DODAJ_OMILJENI_SNIMAK = 13;
private static final int KREIRAJ_OCENU = 14;
private static final int PROMENA_OCENE = 15;
private static final int BRISANJE_OCENE = 16;
private static final int BRISANJE_SNIMKA = 17;
private static final int DOHVATI_MESTA = 18;
private static final int DOHVATI_KORISNIKE = 19;
private static final int DOHVATI_KATEGORIJE = 20;
private static final int DOHVATI_SNIMKE = 21;
private static final int DOHVATI_KATEGORIJE_SNIMKA = 22;
private static final int DOHVATI_PAKETE = 23;
private static final int DOHVATI_PRETPLATE = 24;
private static final int DOHVATI_SLUSANJA_SNIMKA = 25;
private static final int DOHVATI_OCENE_SNIMKA = 26;
private static final int DOHVATI_OMILJENE_SNIMKE = 27;
private static final int LOGOUT = 100;
```

Klijent

```
-menu: String
-curKorisnikId: int = -1
+main(args: String[]): void
```

Podsystem1Handler

```
-URL: String
-URL_START: String
-count: int
-OK: int
```

```
+sendHttpRequest(link: String, method: String): String
+dodajNaURL(paramRest: String, value: String): void
+unesiParametar(nazivParam: String, paramRest: String): void
```

Podsystem2Handler

```
-URL: String
-URL_START: String
-count: int
-OK: int
```

```
+sendHttpRequest(link: String, method: String): String
+dodajNaURL(paramRest: String, value: String): void
+unesiParametar(nazivParam: String, paramRest: String): void
```

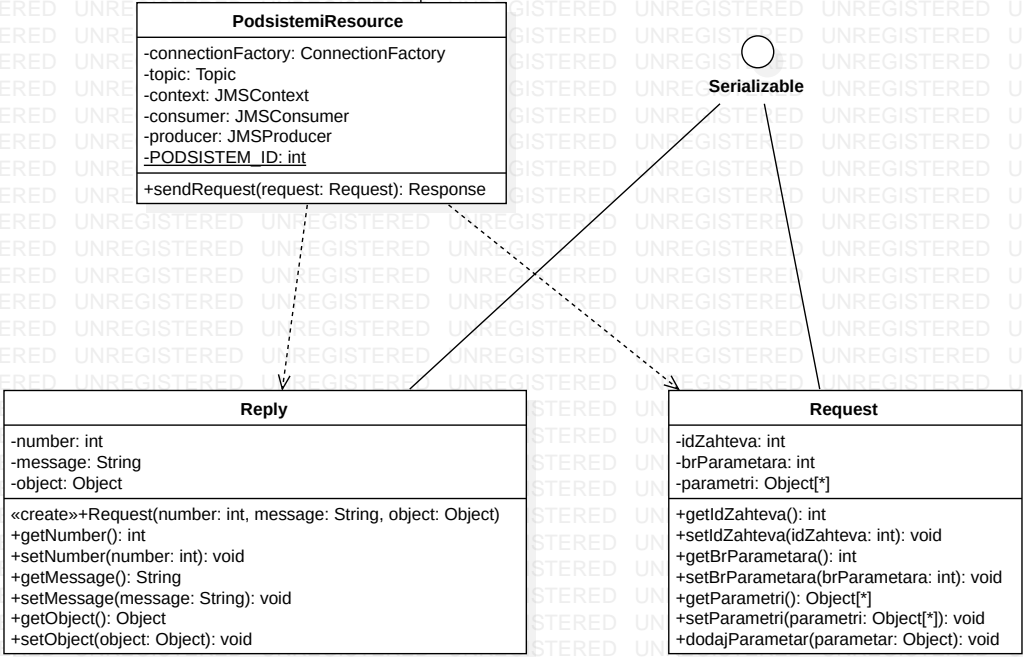
Podsystem3Handler

```
-URL: String
-URL_START: String
-count: int
-OK: int
```

```
+sendHttpRequest(link: String, method: String): String
+dodajNaURL(paramRest: String, value: String): void
+unesiParametar(nazivParam: String, paramRest: String): void
```

Each of PodsystemiHandlers has zahtev...Handler() methods which are called from Klijent

There are 3 PodsystemResources, but here is the structure of one of them. They also have same constants as shown in class Klijent, and methods which are receiving HTTP requests



(from podsistem1)

(from podsistem2)

Main

```
-connectionFactory: ConnectionFactory
-topic: Topic
-context: JMSContext
-consumer: JMSConsumer
-producer: JMSProducer
-emp: EntityManagerFactory
-em: EntityManager

+persistObject(o: Object): void
+main(args: String[]): void
+kreirajGrad(naziv: String): Reply
+kreirajKorisnika(imeKorisnika: String, email: String, godiste: int, pol String, nazivMesta: String, sifra: String): Reply
+updateEmail(curKorisnikId: int, email: String): Reply
+updateMesto(curKorisnikId: int, nazivMesta: String): Reply
+getSvaMesta(): Mesto[]
+getSviKorisnici(): Korisnik[]
+login(imeKorisnika: String, sifra: String): Reply
```

Main

```
-connectionFactory: ConnectionFactory
-topic: Topic
-context: JMSContext
-consumer: JMSConsumer
-producer: JMSProducer
-emp: EntityManagerFactory
-em: EntityManager
-empPodsistem1: EntityManagerFactory
-empPodsistem1: EntityManager

+persistObject(o: Object): void
+removeObject(o: Object): void
+main(args: String[]): void
+kreirajKategoriju(nazivKategorije: String): Reply
+kreirajAudio(naziv: String, trajanje: BigDecimal, curKorisnikId: int, datum: String): Reply
+promeniNaziv(naziv: String, curKorisnikId: int, noviNaziv: String): Reply
+dodajKategorijuSnimku(naziv: String, curKorisnikId: int, nazivKategorije: String): Reply
+obrisiSnimak(naziv: String, curKorisnikId: int): Reply
+dohvatiKategorije(): Kategorija[]
+dohvatiSnimke(): Audio[]
+dohvatiKategorijeZaSniimak(naziv: String, imeKorisnika: String): Reply
```

(from podsistem3)

Main

```
-connectionFactory: ConnectionFactory
-topic: Topic
-context: JMSContext
-consumer: JMSConsumer
-producer: JMSProducer
-emp: EntityManagerFactory
-em: EntityManager
-empPodsistem1: EntityManagerFactory
-empPodsistem1: EntityManager
+empPodsistem2: EntityManagerFactory
+empPodsistem2: EntityManager

+persistObject(o: Object): void
+removeObject(o: Object): void
+main(args: String[]): void
+kreirajPaket(naziv: String, cena: String): Reply
+promeniCenu(naziv: String, cena: String): Reply
+kreirajPretplatu(nazivPaketa: String, datum: String, curKorisnikId: int): Reply
+kreirajSlusanje(curKorisnikId: int, nazivSnimka: String, imeVlasnika: String, datumPocetka: String, sekundPocetka: int, sekundOdsusano: int): Reply
+dodajOmiljene(curKorisnikId: int, nazivSnimka: String, imeVlasnika: String): Reply
+kreirajOcenu(curKorisnikId: int, nazivSnimka: String, imeVlasnika: String, ocena: int, datum: String): Reply
+promeniOcenu(curKorisnikId: int, nazivSnimka: String, imeVlasnika: String, ocena: int, datum: String): Reply
+obrisiOcenu(curKorisnikId: int, nazivSnimka: String, imeVlasnika: String): Reply
+dohvatiPakete(): Reply
+dohvatiPretplatuZaKorisnika(curKorisnikId: int): Reply
+dohvatiSlusanjaZaSniimak(nazivSnimka: String, imeVlasnika: String): Reply
+dohvatiOceneZaSniimak(nazivSnimka: String, imeVlasnika: String): Reply
+dohvatiOmiljene(curKorisnikId: int): Reply
```