

# Example 1

- Create a simple application server
  - applications are accessible via HTTP
    - as a basis, use the HTTP server from the previous practicals
  - applications are represented by classes
  - at start, the server receives a list of classes via the parameters of the command-line
  - the server can process URLs formatted as follows  
**`http://host/class_name/method_name?  
param1=value&param2=value`**
  - class\_name is the name of a loaded class
  - method\_name is a method name
    - any method of the particular class can be used
  - number of parameters of URL has to correspond with the number of parameters of the method (consider the String type only)
  - the method returns String that is returned as a result of the URL call

# Assignment 1

- continuing
  - methods can be annotated with the annotation `@Return(mime="mime/type")`, which defines the mime type of the answer (default is text/plain)
  - example of a class

```
class App {  
    public static String plainText(String param);  
    @Return(mime="text/html")  
    public static String html(String param1, String param2);  
}
```



Slides version PAJ13.en.2019.01

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