# Test task for Golang Developer

Write HTTP server for proxying HTTP-requests to 3rd-party services.

The server is waiting HTTP-request from client (curl, for example). In request's body there should be message in JSON format. For example:

{

    "method": "GET",

    "url": "http://google.com",

    "headers": {

        "Authentication": "Basic bG9naW46cGFzc3dvcmQ=",

        ....

    }

}

Server forms valid HTTP-request to 3rd-party service with data from client's message and responses to client with JSON object:

{

    "id": <generated unique id>,

    "status": <HTTP status of 3rd-party service response>,

    "headers": {

        <headers array from 3rd-party service response>

    },

    "length": <content length of 3rd-party service response>

}

Server should have map to store requests from client and responses from 3rd-party service.