CM test for King

Purpose

The goal is to provide a relevant, fun and inspirational foundation for a technical conversation for an upcoming interview. The submitted code itself together with an interview will provide the interviewer with an understanding of the applicants coding style and skills.

By no means is the goal to get a solution covering all special cases in a 100% robust way. Requiring this would be naive. At least the functions described shall be error free when used correctly, how everything else is handled is subject to creativity and ambition.

Instructions

You are free to use any tools you like as long as we're able to run your system with reasonable effort.

Client
Output should be an WorkClient.swf and served up by server/web/index.jsp
All tests should be run, if errors was found, halt the build
shared/resources/levels/requiredScores.json should be deployed to client/generated directory before client is compiled

Server
All tests should be run, if errors was found, halt the build
Server needs both server/conf and shared/resources in its classpath
server/web/index.jsp requires WorkClient.swf

Distribution

A zip/tar file should be created containing all needed files for it to be simple to unzip and start the server with bin/start.sh

dependencies:

client:

    flex_sdk
    as3corelib
    FlexUnit
    hamcrest-as3

server:

    jetty
    logback
    slf4j
    gson
    mockachino
    junit