

## Gitland Army - REST API Integration

The fictional nations of Gitland and Mercuria are on the brink of thermonuclear war owing to an on-going multi-generational dispute of tabs vs spaces.

The Gitland army has been modernising their nuclear launch sequence and have exposed a REST API for their Presidential Office to use.

You have been tasked with producing a solution for the President that he can use in the case that he fancies all-out nuclear war. This must be made to the following specification.

### Notes

- Nobody can access the President's computer and he always forgets passwords, so password security/management is not required. Only the President is using it.
- The President isn't very good at remembering what day it is.
- Gitland's army has notoriously shaky IT, with the core backbone of their infrastructure running over an old Linksys Wi-Fi router. Errors can occur frequently.
- The President's cat likes to walk on his keyboard.
- If the same launch code is used more than once within 5 minutes, any launched nuclear warheads may accidentally explode over Gitland. This is obviously very bad.

### Endpoint

The API and its available documentation is available at:

<http://gitland.azurewebsites.net/>

Launch Code provided to the President: **NICEGAMEOFCHES**

### Results

- A solution developed in C#.
- A simple user interface.
- A copy of the final source code for review - organised in a Visual Studio solution, in a runnable state.