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SPANG DEVELOPER GUIDE

Version 1.0 | Spang

Table of Contents

Spang Developer guide

Spang is an API which is intended to enable and simplify the communication of data between an android device and a computer. For API documentation, please refer to the document *"API Walkthrough.pdf"*.

Please note that the android application requires that the host computer is running the console application "Spang/Release/Final/Spang-PC/Spang-PC.exe" in order to connect to it.

Prerequisites

1. Make sure you have a Windows computer with .NET 4.5 installed, and that it is connected to the same network as the device running the android application.

To get started:

2. Clone the git repository at https://github.com/gustavAR/Spang
3. Import the following projects into Eclipse:
   - Spang-core (for API)
   - Spang-mobile-MainActivity (for android application)
   - Spang-core-tests (for tests)
4. Setup buildpaths using preferences→android→add library in spang-mobile-MainActivity and add the Spang-core project.

To run the tests:

1. Right click Spang-core-tests and choose to run as a JUnit test.
2. Make sure the tests are built using the eclipse unit test settings and not the android unit test settings.
3. The test will be run

To run the program:

Right click Spang-mobile-MainActivity and select run as android application.