

Building Block View

Here is a simple scheme that explains the basic organizations of the application components:

[05 building block view]

Red: Components of the chat

Light Blue: Different Utilities

Turquoise: Coverage Tests

Orange: Services.

Whitebox Overall System

We will explain some of the application parts functionality:

Components

This are the different components that interact between them. Each one component is divided in some files, but the most important ones are:

- HTML: Is represents the interface layer.
- JS: This is the logic layer, it must contain all the useful logic.

Services

Services are the utilities that our components use to help them improving it's functionality.

Coverage

Represents the code testing. As we said before, tests are executed in Karma, with Jasmine framework. We use Google Chrome to execute the tests.

Utilities

It is all theuseful resources. In this case, weve used a core that allows us to interact with some librarys. It contains some useful methods.