

# Technologies

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## 1 Language choices

- **HTML** - Using version 5 for standardization and consistency, improved semantics and better features.
- **CSS** - We are using Twitter Bootstrap 3 extended with Materialize's Sass preprocessor capabilities.
- **JavaScript** - Meteor (see below) and underlying Node.js are written in JavaScript, so it makes sense to use it.
- **Swift** - Most viable and widely preferred choice for iOS application programming.

## 2 Technology choices

- **Meteor** - Advanced, extensible, reactive JS-based web application framework. Routing is done via Flow Router (reliability), front-end rendering via Blaze (complex templating).
- **MongoDB** - Meteor is configured to use MongoDB by default. JSON documents are also very easy to inspect and test during debug sessions.
- **XCode** - Standard, fully fledged Swift IDE, no real competitors.

## 3 Build server

`teamcity.kerbit.co.uk` (login required). Builds automatically deploy to live server if all tests pass.

Screen-shot: