System Design Document for Proton Text
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This version overrides all previous versions.

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1 Introduction

This document describes the system of the text editor Proton Text.

1.1 Design goals

2 System architecture

This program is used by one computer/person. It runs on Linux (Ubuntu 16.10), Windows (Windows 10) and OS X (Sierra 10.12.5), (tested for the versions in parenthesis).

3 Subsystem decomposition

There are no subsystems in this application.

3.1 Dependencies

Dependencies looks pretty good, with no big errors. There are no view in the figures since a fmxl-view is used.
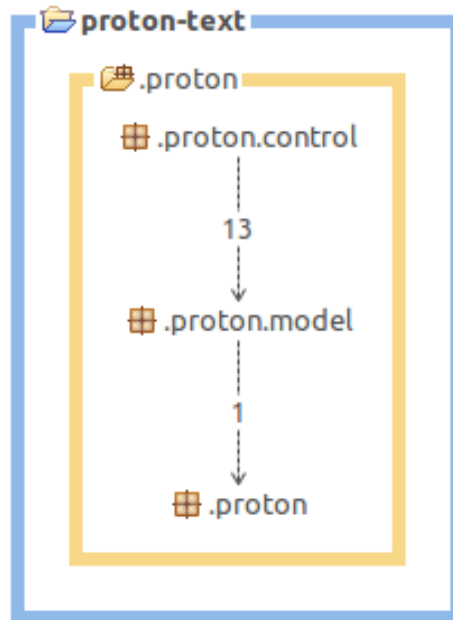

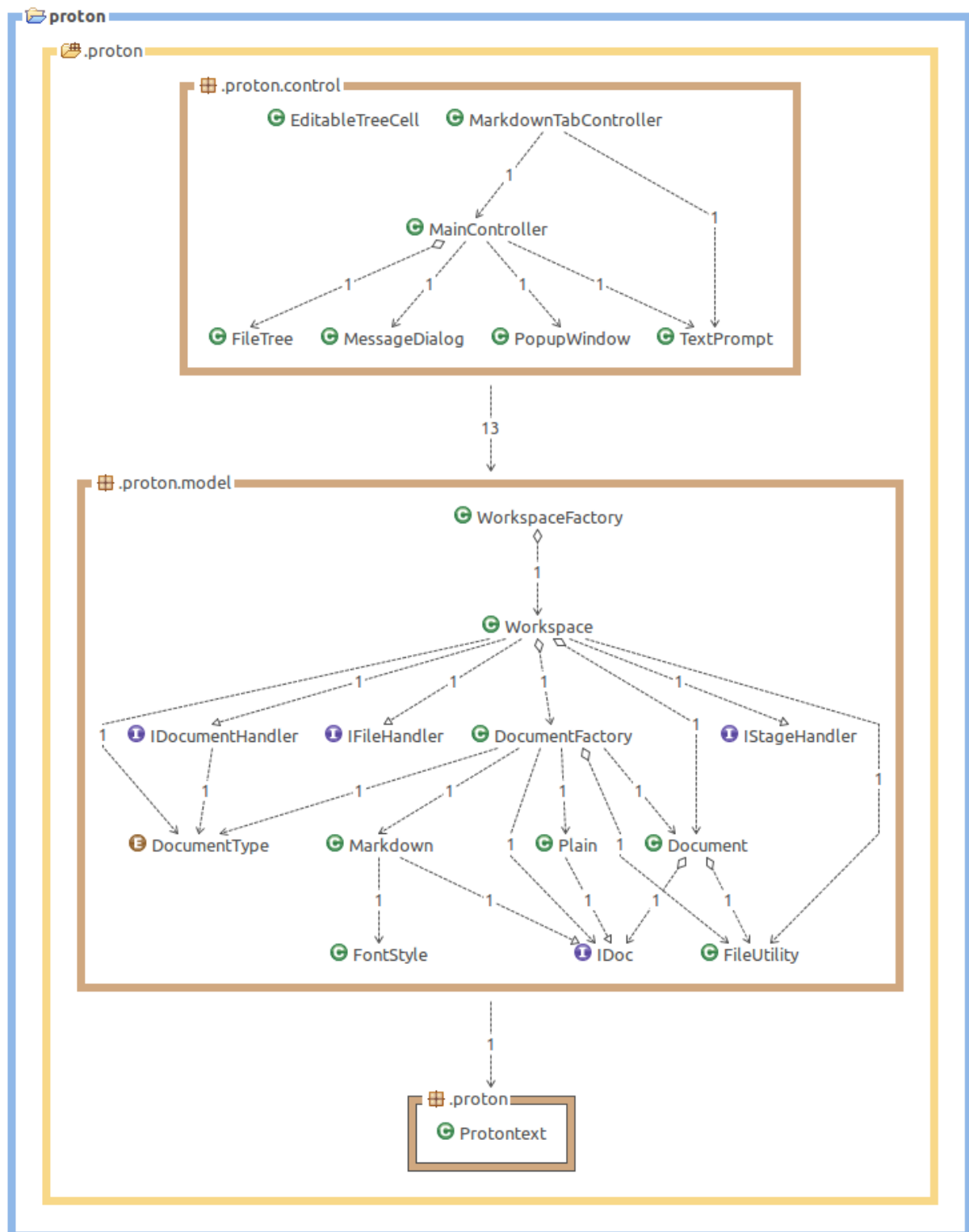Figure 1: Dependencies of Proton Text

Figure 2: Inner dependencies of Proton Text

4 Persistent data management

The data stored is text documents (of any sort). The documents are saved when a user activates any save command, either through "Save", "Save as" or "Rename". The application stores the data via a normal file handler.

5 Access control and security

NA. Application starts and exits as a normal desktop application (script).