



File import and Data Parsing Architecture

The File Importer lets the app consume questionnaire data quickly and reliably. Drag and drop your JSON or CSV files, and the system automatically routes them through the Dispatch Manager and the right Parser to generate ready-to-use ScriptableObjects. This keeps data handling consistent, reduces manual setup, and ensures questionnaires can be updated or added with minimal effort.

1

Drag & Drop Input

Users drag JSON or CSV questionnaire files into the app. The File Importer captures the file paths and forwards them for processing

2

Dispatch Manager

A ScriptableObject that routes files based on their extension. It contains a dictionary of Dispatcher objects, each responsible for a specific file type.

3

Dispatcher

Each Dispatcher contains a dictionary of Parsers, keyed by the questionnaire type field in the imported data. The Dispatcher selects the appropriate parser and passes the data along.

4

Parser

The parser transforms the imported data into a ScriptableObject representing the questionnaire, ready for use by the Questionnaire Service.

