**Using Conference Data with JSON**

This version of the model reads the data from a local file confinfo.json when the ConferenceData singleton is first accessed.

There is a struct for each type of data (Talk.swift, Speaker.swift, Location.swift).

How to use:

Drop the four Swift files plus confinfo.json into your project, and make sure that the right options for including them are picked as shown here:

Graphical user interface, application

Description automatically generated

If you want a list of all talks, then do:

let mytalkList = ConferenceData.sharedInstance.allTalks

Similarly for speakers or locations.

The talks do not list the speaker name as an attribute, only the speaker ID, but they have a method which returns the speaker name. Similarly for their location.

Favourites are automatically loaded into ConferenceData.sharedInstance.favourites.

If you choose a talk as a new favourite, you should add the talk.id to the favourites array, and then call ConferenceData.sharedInstance.saveFavourites. You can find whether a talk is a favourite depending whether ConferenceData.sharedInstance.favourites.contains( talk.id ) is true.