# F2F Schedule tool

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Definition: F2F = “Face to face events”

# What it does

This tool parses a source of meeting agenda information and maintains a matching set of breakouts on IEEE-SA’s IMAT (meeting attendance tool) and/or a Google Calendar.

The source of meeting agenda information can be:

* An 802.11 agenda document. The tool parses the agenda “graphic” page.
* An F2F room plan document. The tool parses the meeting plan page.
* The online F2F attendee’s agenda.

The tool can operate in a looped mode, or a one-shot.

# Installation

Install Python Version 2.7 (not 3!).

Specific version tested with: version 2.7.7 (32-bit windows).

Install the following python modules:

* xlrd
* libxml2

(copy from <http://www.lfd.uci.edu/~gohlke/pythonlibs/> & install with pip)

* lxml

<https://pypi.python.org/packages/3d/ee/affbc53073a951541b82a0ba2a70de266580c00f94dd768a60f125b04fca/lxml-2.3.win32-py2.7.exe#md5=9c02aae672870701377750121f5a6f84>

* requests
* keyring
* google api python client ("pip install --upgrade google-api-python-client")
* smtplib

Set the IMAT password with: (at the python prompt, substituting in <> real values)

Import keyring

keyring.set\_password("imat", '<imatUser>', '<password>')

# Configuration

Review settings.py carefully. The comments there should suffice.

# Running

Run main.py from your python interpreter. (I run it from the Eclipse IDE).