Excessive Permission Annotation Instructions

Below are the instructions we used for the manual annotations needed for the benchmark labeling in the paper (Section Evaluation).

Instructions

Consider the following service permission scope:

(IFTTT must obtain permission from the service provider for correct functionality.)

\<Please see running example of our paper\>

Q1: Does IFTTT request more permission for this service?

- [ ] Yes
- [ ] No

Q2: If the answer is Yes for Q1, could you list the excessive permissions?

[a list of excessive permissions]

Excessive Permission:

We take our running example to illustrate the benchmark process:

APIs provided by IFTTT:
Links to APIs homepage: https://ifttt.com/onedrive/details

OAuth page:
See running example of our paper:
    IFTTT needs your permission to:
    View your profile info and contact list

IFTTT will be able to see your profile info, including your name, gender, display picture, contacts, and friends.

Access your info anytime
IFTTT will be able to see and update your info, even when you're not using this app.

Access your email addresses
IFTTT will be able to see the email addresses in your profile.

Access your photos and videos
IFTTT will be able to see your photos and videos on MyDrive, along with their tags and comments.
Access and edit your MyDrive photos and documents
IFTTT will be able to access, change, and add or delete your photos and documents on MyDrive.

We take the last ```IFTTT will be able to access, change, and add or delete your photos and documents on MyDrive.```   as an example here:
It contains all 8 (operation, object) pairs as listed below.

1. (access, photos)
2. (access, documents)
3. (change, photos)
4. (change, documents)
5. (add, photos)
6. (add, documents)
7. (delete, photos)
8. (delete, documents)

Next, we discuss for each (operation, object) pair, whether it's excessive or non-excessive and our reasons for marking it as excessive/non-excessive.

1. it's non-excessive, based on requirement of [OneDrive - History of photos with a tag uploaded in folder (ifttt.com)](ifttt.com)
2. It's non-excessive, based on requirement of [OneDrive - History of files uploaded in folder (ifttt.com)](ifttt.com)

3. It's excessive, we look through all the api provided by ifttt, and it's not required by any api
4. It's non-excessive, based on requirement of [OneDrive - Append to a text file (ifttt.com)](ifttt.com) which require to modify/change a file/document
5. It's excessive
6. It's non-excessive, based on requirement of [OneDrive - Add file from URL (ifttt.com)](ifttt.com)
7. It's excessive
8. It's excessive