# **Managing and storing our software**

Drafted by IW, 19/12/2018

Revised by IW after discussion 20/12/2018.

## Needs

1. 4 levels of storage
   1. Local: Working copy held by person currently working on it
   2. Master: CTU copy
   3. Internal release: all of CTU
   4. External release: Public copy
2. Independent testing should always happen before release (= promotion from b to c/d)
3. Testing must be documented & stored.
4. Each program should have a “lead developer” (or lead developers?) who would control its development. (Better term than “owner”.)
5. Version control
6. Backup
7. Store communicaton with users (bugs, clarifications, new features)

## Provisionally agreed model: github

CTU copy held in UCL github.

Individuals can check this out to their own filespace, and work on it; owner makes changes / others propose changes.

Release would primarily be to SSC but could also be to CTU website and/or to public area of UCL github.

## Next steps

We need to learn how to implement this plan in github. We’ll start by aiming to store 2 real projects (Ella’s and Kevin’s projects with Andrew Copas) and one toy project in github. We need to

1. Understand basic mechanics of creating repository & pushing it to github
2. Understand how to make a github pull request
3. Agree a suitable directory structure for programs, test specifications, test programs, test logs, etc.

## Actions

1. David and Andrew to get github accounts
2. Ian to get UCL github accounts for David and Andrew
3. Kevin to create a toy github project
4. Ella and Kevin to create github projects for their work with Andrew
5. Freya to fix another meeting late Jan, including Tim and someone from DMS