2016 BRAPI hackathon

3 application using BRAPI demoed. Applications (use cases) are working but very rough.

1. HIDAP - R script/shiney front end
2. Flapjack
3. CIMMYT

At hackathon many of the API calls were modified to enable the use cases to work better.

Resolved issues

1. many calls will now have format paramater (defaults to json) - tsv, csv, vcf, etc
2. Trial (study group, T3 experiment)
3. study (study instance, T3 trial)

Open issues

1. it is ambiguous whether it specifies plant or plot level
2. allele format (ACTG, AB, 01, etc)
3. define protocol for writing to database