GOALS, DIRECTIONS, POSSIBILITIES, THOUGHTS

A: Research/TechTransfer

 - Patron Auto-indexing (work toward enabling others to process a book)

 - build GreenQQ patron indexer interface (SL&DE&DL)

 - finalize pipeline and move it to dithers for pre-patron testing (DE&SL)

 - enable testing with Ortsfamilienbücher (OFBs) (DE&SW&DL&SL&JM&PS)

 - see if there is a priority English collection of documents for patron field testing (DE&JM&JP)

 - Family Reconstitution (work toward having a prototype that adds genealogies to LLS and FS-Tree)

 - finish coding and testing tree-generation pipeline (SW&DE)

 - resolve issues regarding actual ingest of generated GedcomX into LLS and into FS-Tree (DE&JM)

 - Scan to Submit (work toward having a prototype for FamilySearch evaluation)

 - use FS API to instantiate prefilled COMET records + keywords for search (DE&JM)

 - investigate up-front ingest of search results into COMET (w/ & w/o GreenQQ run) (DE&SL)

 - enable ingest of checked&corrected Tree-Ready records into FS-Tree (and CDS?) (DE&SW&JM)

 - Implicit indexing (work toward creating a “Green” feedback loop for implicit indexing)

 - discuss how to use filled COMET records to generate GreenQQ extraction templates (DE&SL&DL)

 - discuss auto-correction of GreenQQ rules from edited Tree-Ready COMET (DE&GN&…)

B: TechTransfer (coordination with others)

 - extended FHTW’20 abstract paper may be useful as a tech-transfer guide (DE&SL&DL&SW)

 - Image Capture & Preprocessing: immediate transfer of images; multilingual OCR

 - User Search: hybrid keyword and semantic search (HyKSS demo)

 - Error Correction: adjustment to search repository (rerun of downstream pipeline)

 - LLS (and CDS?) Import: discover/remove impediments; resolve source documentation issues

 - Tree Import: check constraints; check for duplicates; resolve duplicates; post information

C: Miscellaneous

 - tools: OntoSoar; for self-correction in implicit indexing: GreenQQ & Green-ML

 - papers:

 - FHTW’20 journal paper (conceptual-modeling on-line journal?)

 - CoMoDiH journal paper

 - if invited: GreenFIE (w/ Tae Woo) & ListReader (w/ Thomas)

 - grand challenges (to which we can contribute):

 - “Green Interaction” (systems that improve while being used for real-world applications)

 - “Teaching Computers to Read” (cognitive computing grand challenge)

 - “Web of Knowledge” (WoK vision with FamilySearch as an example)