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)