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)

- add zoning facilities to enable better OCR of book pages (DE&DL&SL&HN&BB)

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

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

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

- if needed, build a prototype for enabling Tree ingest (DE&SW&SL&JM)

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

- investigate up-front ingest of search results into COMET (DE&SL)

- resolve back-end system interfaces for ingest into FamilySearch (DE&JM)

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

- discuss persona record check&correct for instantiating GreenQQ templates (DE&SW&SL&DL)

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

B: TechTransfer (coordination with others)

- Patron Auto-Indexing

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

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

- Family Reconstitution

- legal permission to test with Ortsfamilienbücher (OFBs)

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

- Scan to Submit

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

- Ingest into CDS & FS-Tree (DE&JM)

- Implicit Indexing

C: Miscellaneous

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

- papers:

- CoMoDiH journal paper (ER’20 workshop paper?)

- FHTW20 journal paper (extend for EMISA on-line journal? and as a tech-transfer guide?)

- 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)