

**IRGN1390****CDL Project Update***Richard S. Cook, UC Berkeley**Thomas E. Bishop, Wenlin Institute, Inc.*

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**CDL: Character Description Language**

字形描述语言 (字描语)

字形描述語言 (字描語)

<http://www.wenlin.com/cdl/>**BACKGROUND**

- CDL demonstrated at several previous IRG meetings
- Contributed to development of the UCS *CJK Strokes Block*
- See also: *Multi-Lingual Computing* magazine article (Nov./Oct. 2007); copies distributed

**UPDATE**

- Seed funding (small grant) from US *National Endowment for the Humanities* (NEH), to prototype an online collaborative CDL DB
- Open to IRG use: introduce CDL system to ad hoc tools group
- Contributors will create and have access to CDL descriptions
  - Server-side:
    - SQL master DB
    - server-side programs,
    - mediating, tracking user access & modification history
  - CDL editor interface:
    - ☞ for glyph prototyping in unified framework
    - ☞ query system
  - Client:
    - Wenlin client, installed on each user machine
    - Browser interface (flash, SVG)
  - Speedy Access & High Quality Assurance
- Propose to give fuller report & presentation at future IRG
- Between then and now:
  - Solicit feedback from IRG on details of CDL system.

**DEMONSTRATION**

Query System (stroke- and component-level regex searching, indexing)  
 VS (Variation selectors)