University of Washington site update

🐬Emily M. Bender, Joshua Crowgey, 🐬Chris Curtis, Laurie Dermer, 🐬Mike Haeger, 🐬Michael Wayne Goodman, Kristen Howell, 🐬David Inman, 🐬Angie McMillan-Major, Elizabeth Nielsen, 🐬Woodley Packard, 🐬Glenn Slayden, 🐬Olga Zamaraeva + 🐬visitors

Languages

abz	Abui	Trans-New Guinea	Emerson, Nguyen
eng	English	Indo-European	
ilo	Ilocano	Austronesian	Blackburn, Shintani
kaz	Kazakh	Turkic	Haeger, McMillan-Major
khr	Kharia	Austro-Asiatic	Sim, Woldenga-Racine
kkk	Kokota	Austronesian	Rebollo
flr	Kifuliiru	Niger-Congo	Clark, Watkins
shu	Chadian Arabic	Afro-Asiatic	Heath & Marsh
sje	Pite Saami	Uralic	Nielsen, Spivey
tur	Turkish	Altaic	Gokcen, Riggen

Languages - mapped

lat/long data mostly from wals.info; map by batchgeo.com

Languages - cupcaked

Items with end-to-end output: Final (transfer rule propagation)

	abz	eng	flr	ilo	kaz	khr	kkk	shu	sje	tur
abz	16	16	14	17	14	14	13	14	16	15
eng	17	24	18	22	19	20	14	22	24	24
flr	10	13	19	13	11	11	8	12	14	13
ilo	12	19	16	22	15	14	13	19	19	18
kaz	14	15	12	14	19	12	13	14	16	15
khr	14	17	15	16	15	17	10	15	17	17
kkk	13	14	12	14	13	12	14	14	14	13
shu	15	22	16	20	17	18	14	22	22	22
sje	15	20	16	17	16	16	12	18	22	20
tur	16	24	18	19	19	21	14	22	24	24

('run18' [18])

Grammar Engineering

- 🐬Thai (Slayden): PhD working title "Thai syntax: HPSG alternatives"

  - New analyses of Thai, novel metagrammar tooling infrastructure, 12k sentence development corpus, currently studying relative clause MRS

- Lushootseed (Crowgey)

- 🐬Nuuchahnulth (Inman)

  - 2nd position clitics, nominal aspect

- 🐬Ancient Greek (Packard)

- Jacy (Goodman w/Francis Bond)

Grammar engineers' (=LAD) meetings

- (Nearly) weekly while Francis was visiting

- Mostly Zhong and Jacy

- Some notes on the wiki: http://moin.delph-in.net/LinguisticsAnalysisDesignUW

- Intention to continue from AU quarter, alternating between early/late Seattle time

- Plus the Capitol Hill grammar engineering mini-meeting: http://moin.delph-in.net/CapitolHillTop

Grammar Matrix extensions in progress

- Valence-changing lexical rules (Curtis)

- Agreement in NP coordination (Dermer)

- Clausal modifiers (Howell)

- Clausal complements (Zamaraeva)

  - => Work on nominalization

- Possessives (Nielsen)

- Evidentials (Haeger)

  - => Separate EP? (Probably)

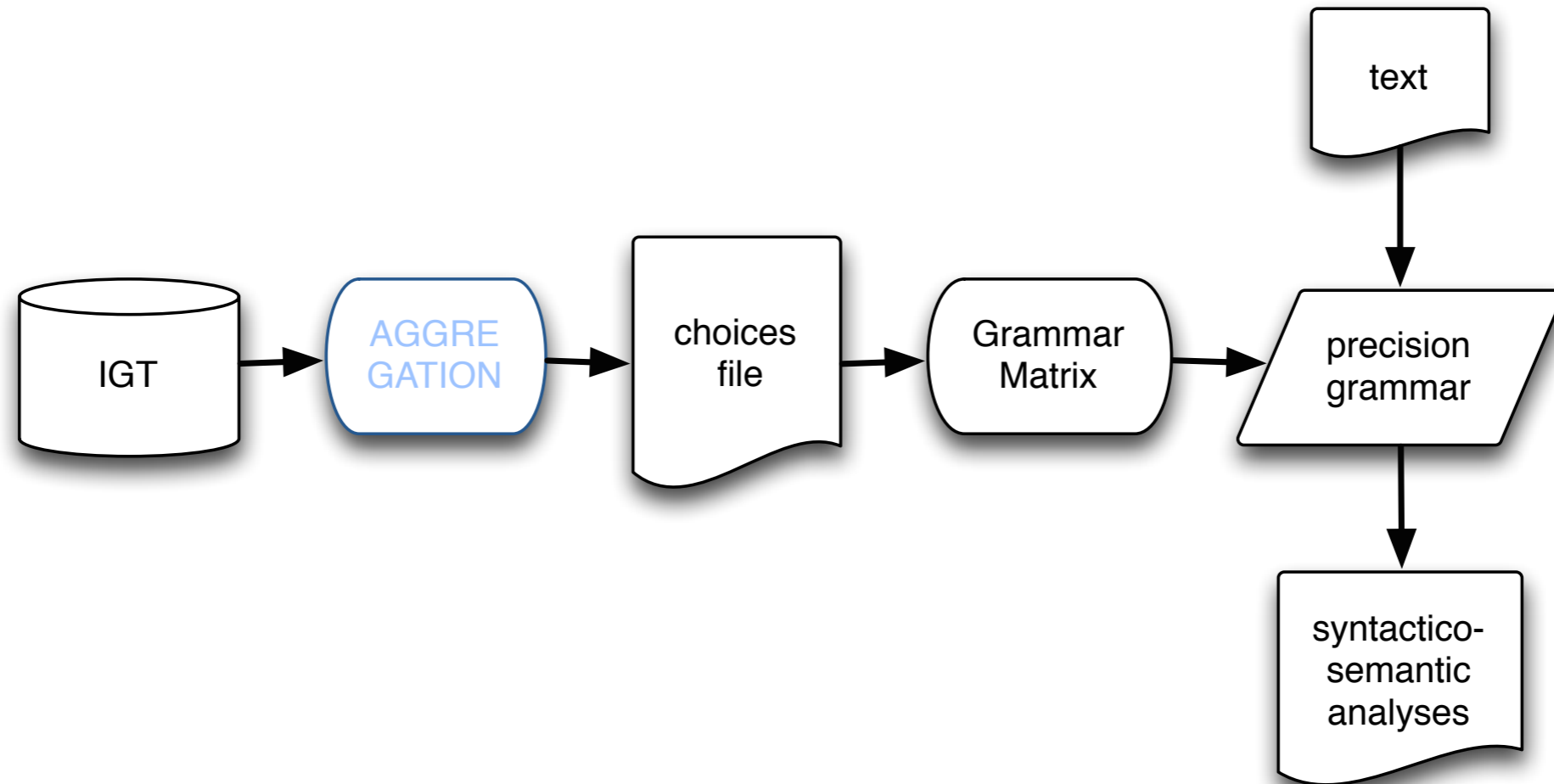# ERG Semantic Documentation (Bender, w/Flickinger & Oepen)

- Slow & steady wins the race

- Ahead: More documentation of phenomena

- Feedback always welcome

AGGREGATION project
(Bender, Zamaraeva, Howell, Goodman + others)

AGGREGATION - Phase II & related

- Grammar Matrix extensions (clausal modifiers, clausal complements)

- Making our intermediate outputs useful for field linguists

  - MOM + MOM UI

  - Building on experience working with field linguists, e.g. Zamaraeva et al 2017 'Computational Support for Finding Word Classes: A Case Study of Abui'. *Computel-2.*

- Forthcoming: Automatic generation of IGT (EL-STEC baseline, McMillan-Major)

Other: PyDelphin (v0.6.0—v0.6.2; Goodman)

- Export to/load from triples for DMRS and EDS

- Encode/decode PENMAN graphs for DMRS and EDS

- VPM support (read .vpm files; apply forward/reverse)

- SEM-I support (read and inspect modern SEM-Is from grammars)

- DMRS now uses directed MOD/EQ edges

- AceTransferer added to ACE interface

- ACE interface more robust; e.g., restarts failed processes

- Various improvements for working with [incr tsdb()] profiles

Other: Misc

- 🐬Robust parsing experimental results — (Packard)

- AgreeStudio — update of Agree with slick, monolithic IDE experience (Slayden)

- 🐬'Improving Feature Extraction for Pathology Reports with Precise Negation Scope Detection' (Zamaraeva, Howell, & Rhine)

- JaEn moved to GitHub, updated to work again

- *Linguistic Fundamentals for Natural Language Processing: 100 Essentials from Semantics & Pragmatics* (in progress; Bender with Alex Lascarides)

- Build It Break It shared task at BLGNLP workshop at EMNLP 2017

  - https://bibinlp.umiacs.umd.edu/