

DGS Corpus Project

Development of a Corpus Based Electronic Dictionary German Sign Language / German



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State of the art:

→ used for

🔶 task management

→ influence on

published

- \times no large corpus of DGS available
- × no comprehensive dictionary of DGS on linguistic principles available
- many sign collections of DGS available; differing in size, standard and degree of documentation
- several smaller project-based corpora from technical sign dictionaries available

data collection

elicitation

interviews

- complex lexical database system (iLex) available
- experience and know-how from more than 10 years of dictionary making in Hamburg
- several other national corpus projects under way or in preparation \rightarrow cooperations, transfer/exchange of know-how, workshops

Data collection (Methods and Setting)

• at least 10 different locations (see map); areas of relatively high deaf population density (deaf schools, deaf centres...), which are easy to reach from surrounding rural areas • mobile studio is successively set up in each of the locations • each elicitation: pair of two informants

- peer-to-peer procedure
- interviews conducted by a local deaf contact person to secure an elicitation of regional sign variants with as little influence from the interviewer as possible
- each elicitation consists of

(i) a standardized interview covering language and social data (approx. 20 min./informant); aim: description of data on metadata level \rightarrow IMDI standard

(ii) filming of spontaneous conversations on a given topic (2-3 topics from a list, 60–90 min. for each pair of informants). \rightarrow elicitation of as much basic vocabulary as possible; list of topics covers about 20 subject areas.

- (iii) different tasks with selected stimuli (approx. 120 min. for each pair). Tasks aim at capturing special phonological, morpho
 - logical, syntactic and lexical phenomena.
 - setting: see illustration

Frankfurt

Stuttgart

• a pool of signs to be evaluated by inguists and native signers compilation of a preliminary basic vocabulary for DGS to be published after 5 years ongoing validation by corpus data **DGS Corpus** • informants from all over Germany of

Published sign

collections

• no documented empirical basis

• valuable source for basic vocabulary

different age, sex and social status; selected on grounds of language competence and regional rootedness • comparable to large spoken language corpora in

• approx. 350–400 hours • 250-300 informants approx. 2.25 m. tokens

size & scope

- corpus should reflect a representative and well-balanced part of everyday communication
- design allows the use of the corpus for various tasks:
- validation of the basic vocabulary,
- thorough research on DGS grammar based on the transcriptions
- identification of different meanings and collocations of a sign
- the design anticipates a comparative sociolinguistic study comparable in kind and quality to Lucas et al. (2001) and Schembri/Johnston (2004).



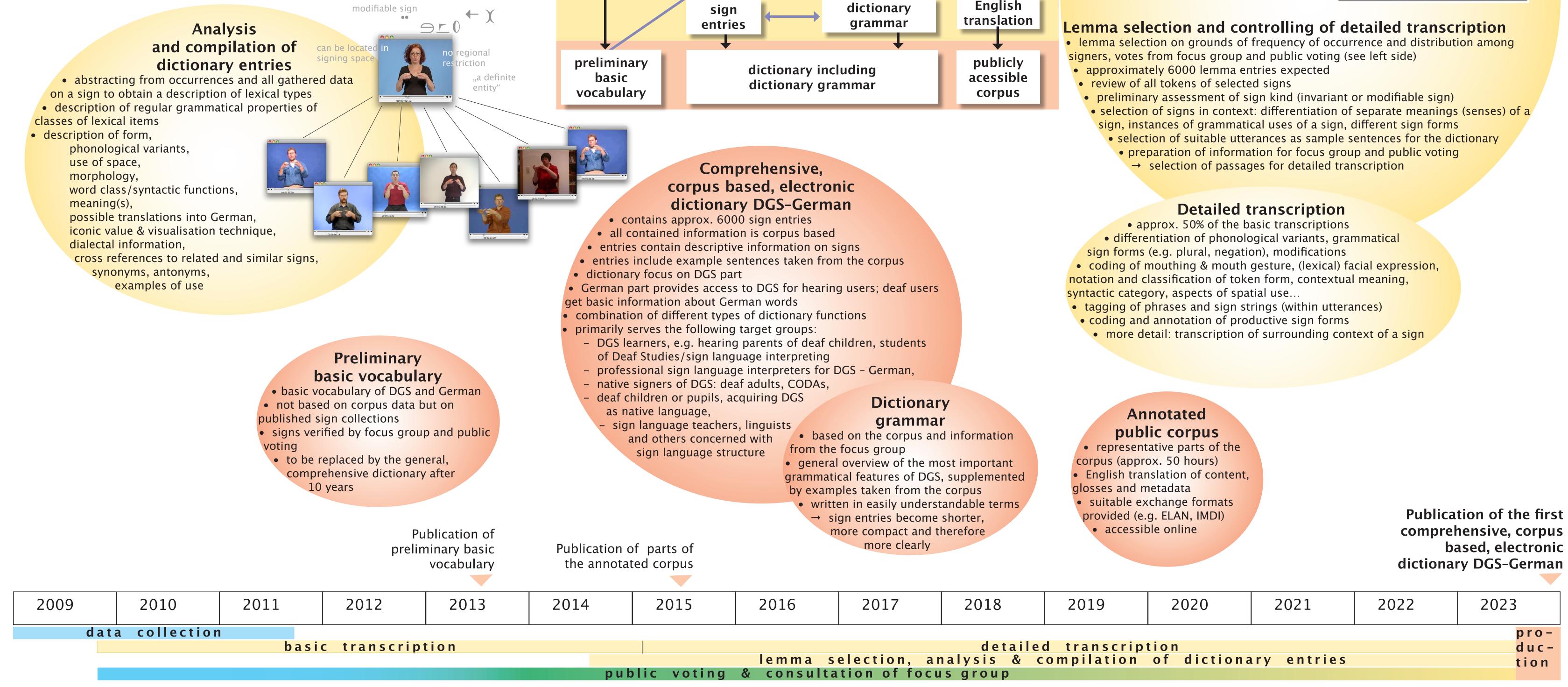
Focus group

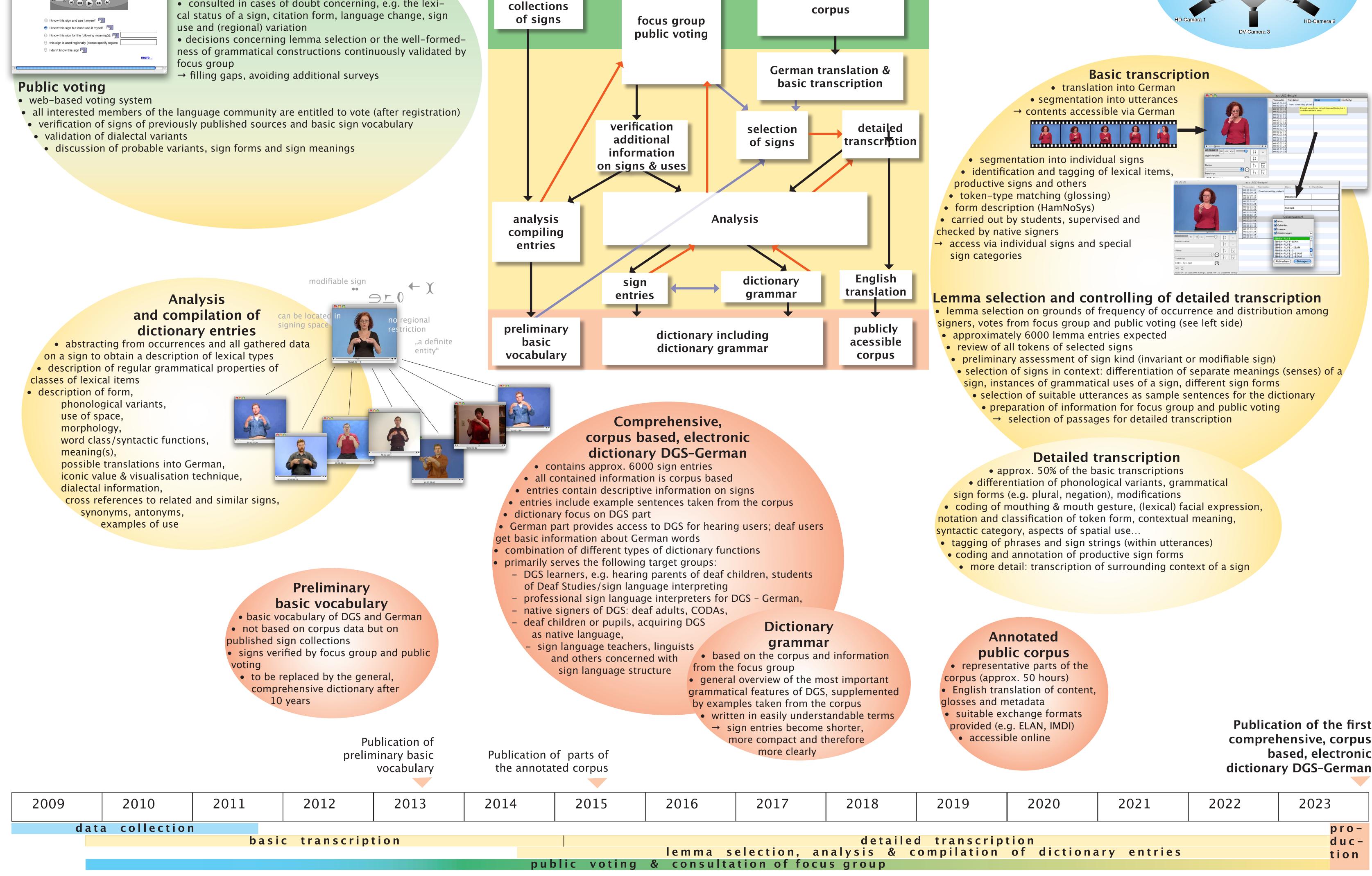
• direct representatives of the language community

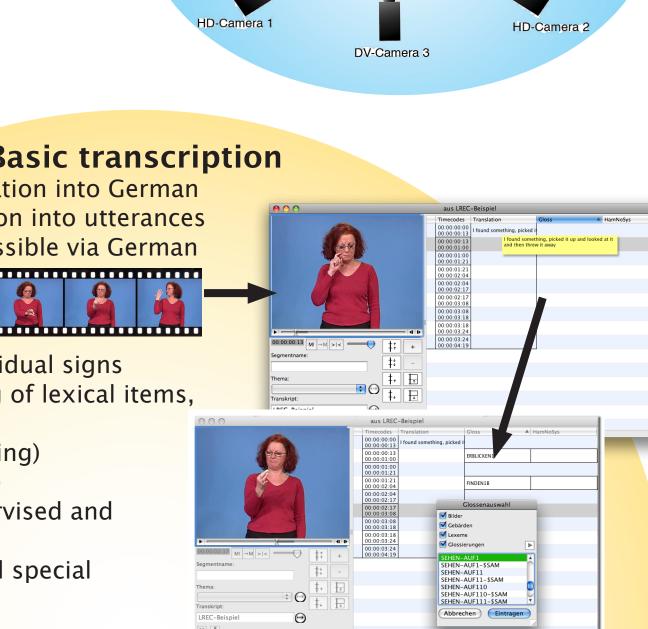
• approx. 20 deaf experts from different regions • trained and sensitized to linguistic questions

I know this sign and use it myself	
 I know this sign but don't use it myself 	
I know this sign for the following meaning(s):	
this sign is used regionally (please specify region)	
I don't know this sign P	
more	
	-

• consulted in cases of doubt concerning, e.g. the lexi-







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