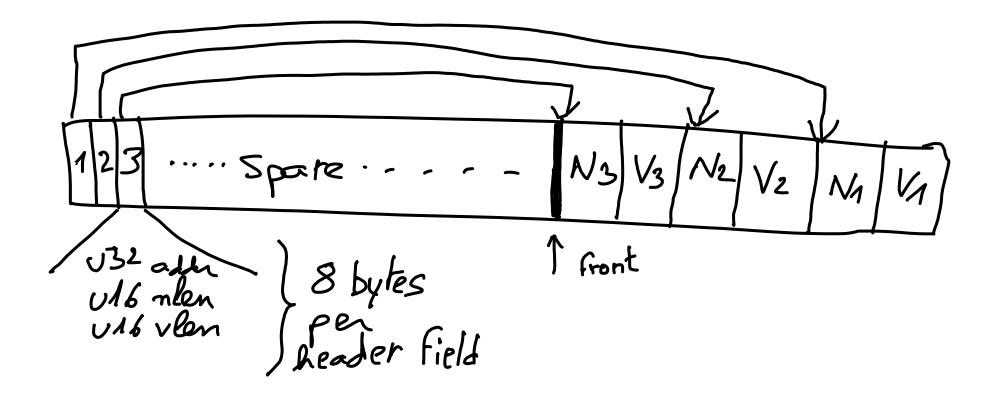
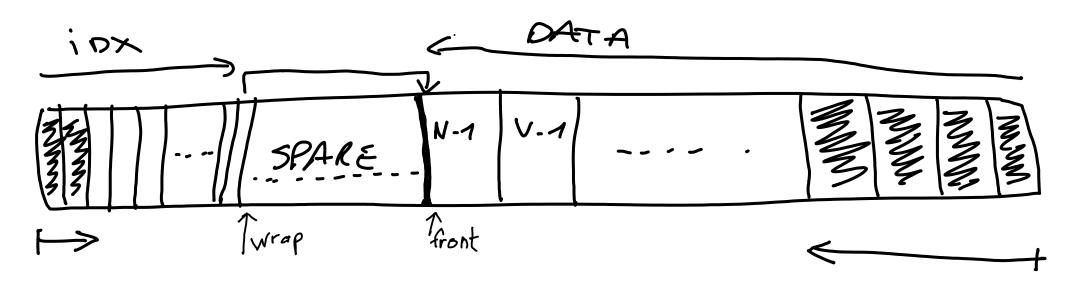
Memory and CPU efficient HPACK decoding Willy Tarreau <willy@haproxy.org> HTTP workshop 2017

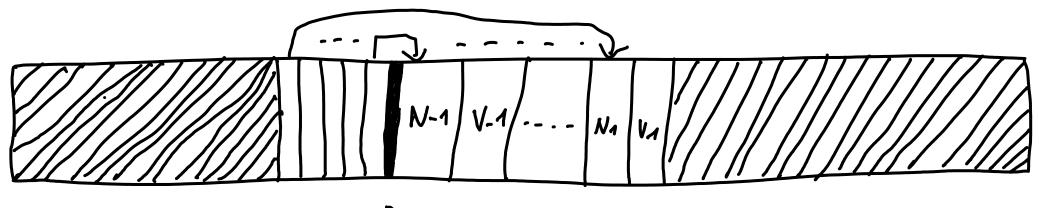
HPACK DYN TABLE 32 Bytes overhead per field => FOR 4096 bytos: 1 fi€co: 32 INDEX \ 4096 128 FIELDS:
32 INDEX (4096)
0 DATA HPACK TEST CASE: 29.2 DATTA (66.9 FIELDS 32 INDEX (



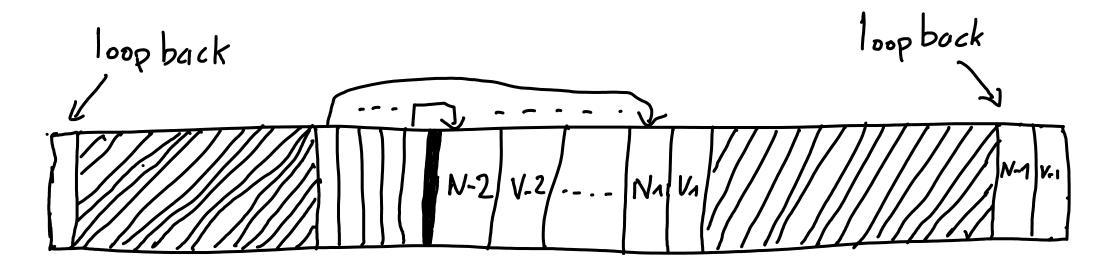
=> 24 Bytes saved per field. 24 Bytes saved per field. 2 1600 Bytes for 67 fields as in the HACK TEST CASE.

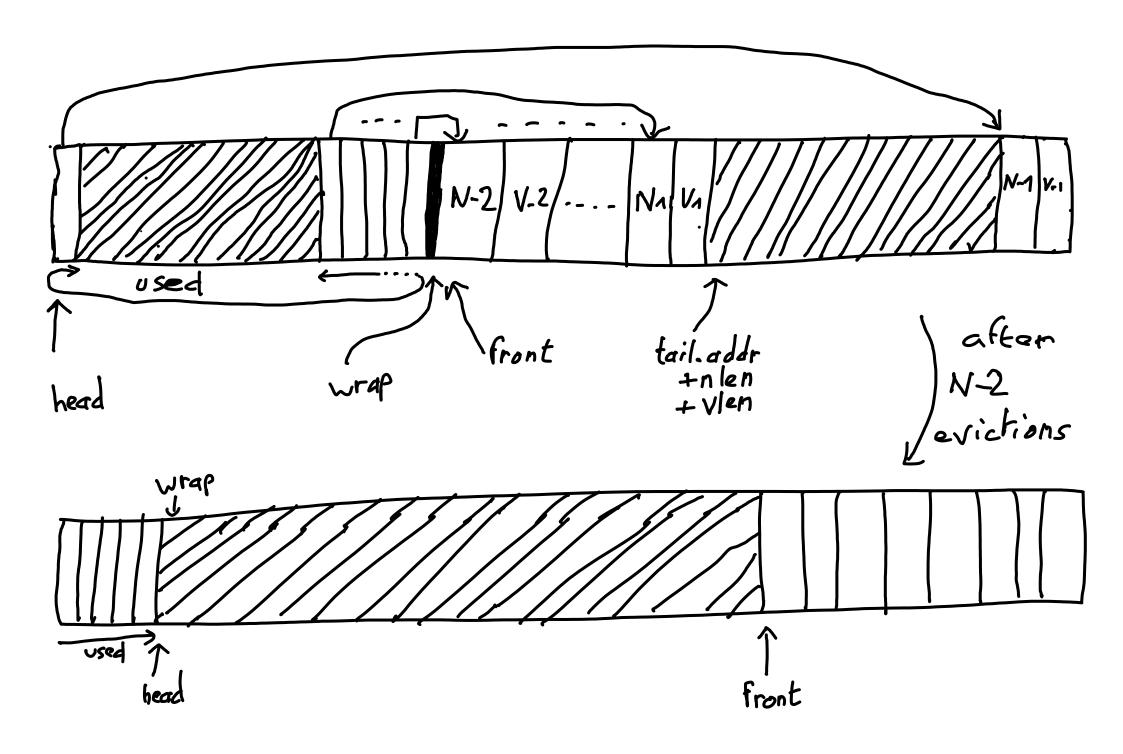


OLD ENTRIES ARE EVICTED BEFORE WE RUN OUT OF SPACE.



1 collision: wrap > Front. addr





Note	- table is full if a contiguous field does not fit
	1500 A 3000
•	- table is full if index Read collides with tail
	head I Lwrap
:	> happens 1/26000 headers on aug >> resolved by a defragmentation operation (2 x memcpy ())