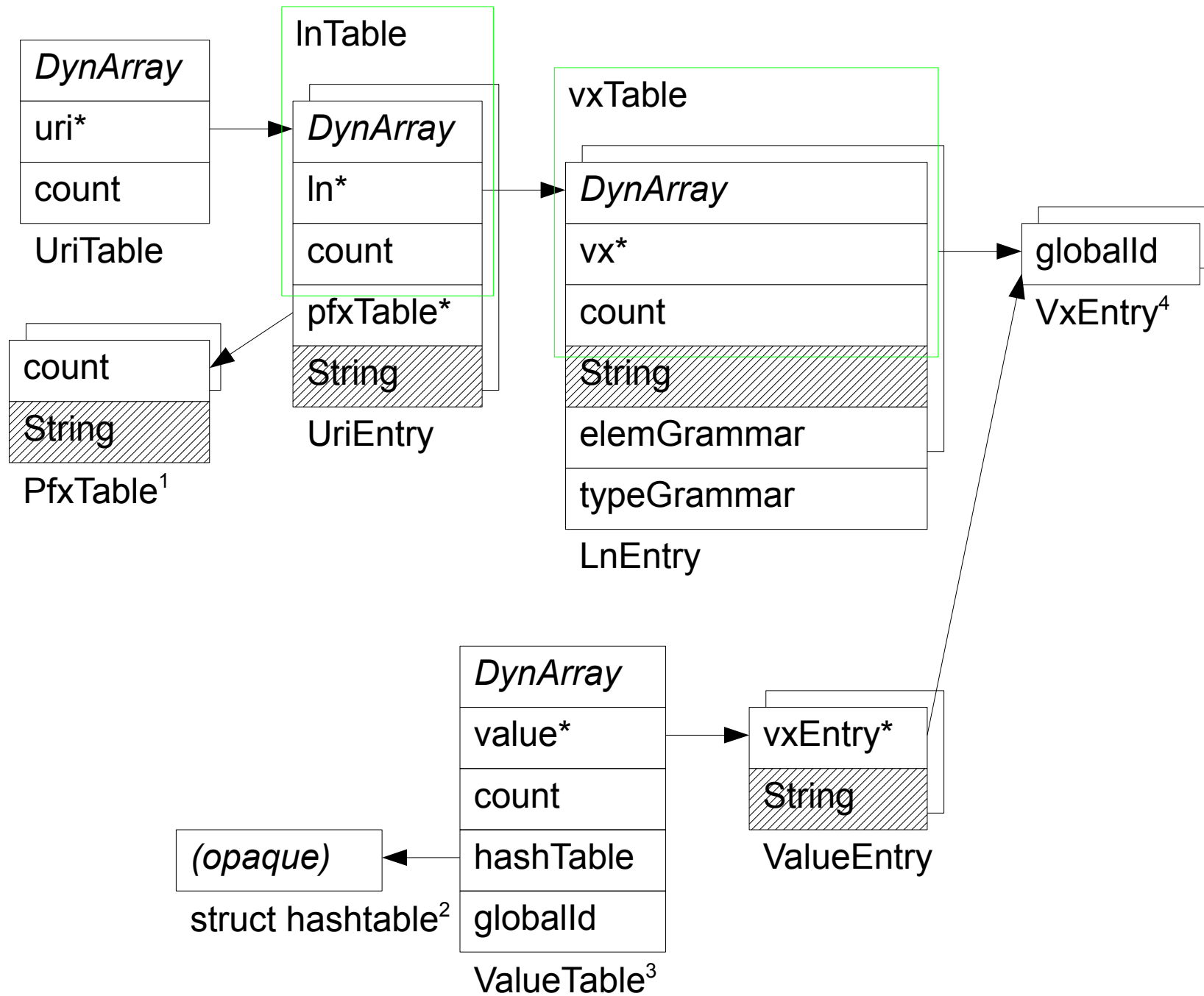


String tables



This optimization is architecturally the neatest for an embedded implementation, limiting allocation for tables only and including storage for the *DynArray* within the structure. This can be statically elided when *DynArrays* are not used

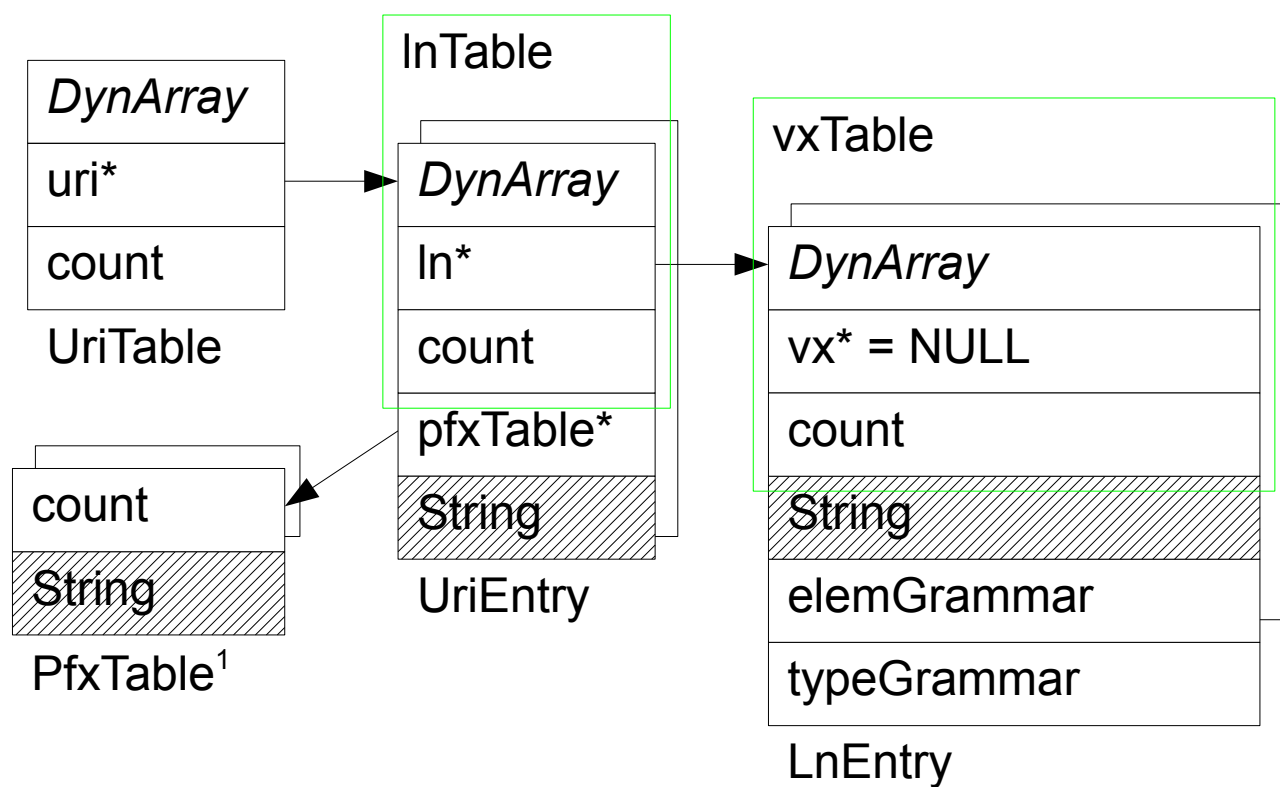
¹The pfxTable is not a dynArray as it is only small

²The hash table is for speedy lookup of strings

³The valueTable can be limited in size by EXI options *valuePartitionCapacity* and reflects the latest values

⁴If vxEntry entry is VX_ENTRY_VOID, there is no corresponding value in the valueTable. This means the value has to be included verbatim

Static string tables

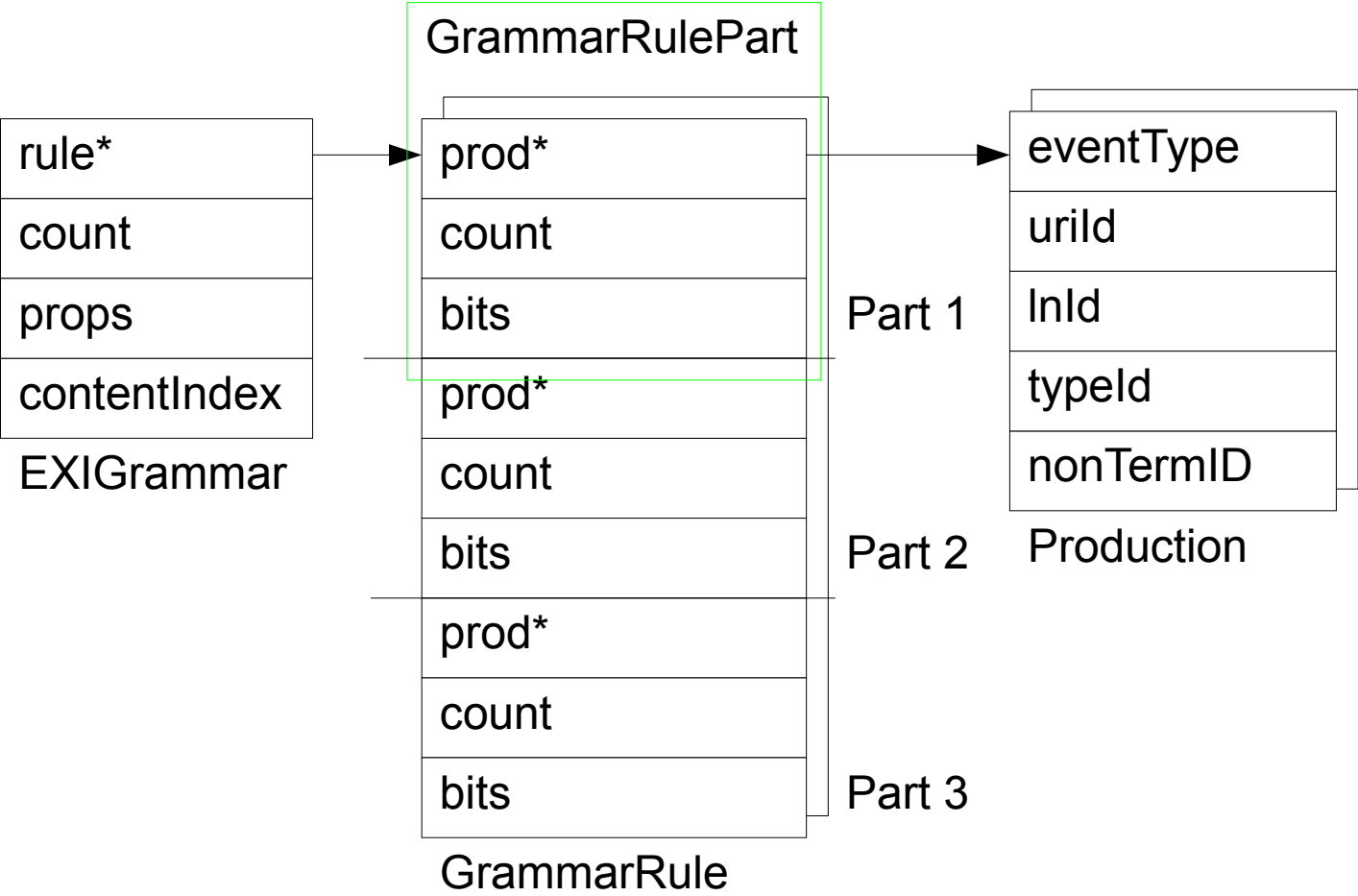


There is no value table as this is dynamically created when using the built-in grammars.

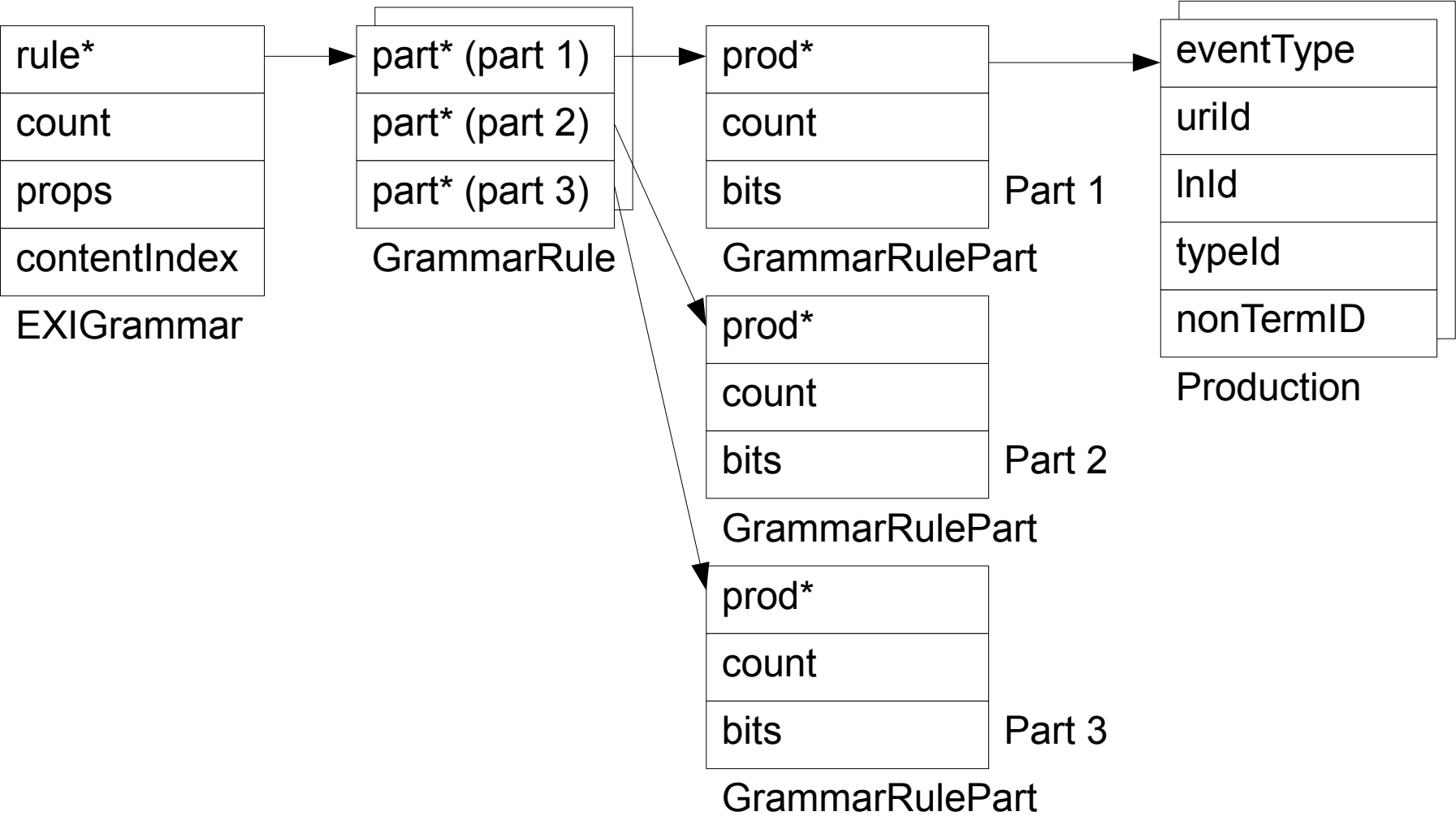
It should also be possible to elide all instances of *DynArray*.

¹The pfxTable is not a dynArray as it is only small

Grammars (incorporated GrammarRulePart)



Grammars (separate GrammarRuleParts)



Refactored Proto Grammars

