We consider the problem of storing a grammar of size $n$ compressing a string of size $N$, and a set of positions \{i_1, \ldots, i_k\} (bookmarks) such that any substring of length $l$ crossing one of the positions can be decompressed in $O(l)$ time. Our solution uses space $O((n + b) \max\{1, \log^* n - \log^*(\frac{n}{b} + b/n)\})$. Existing solutions for the bookmarking problem either require more space or a super-constant “kick-off” time to start the decompression.