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| TEA PRIMITIVE | SEMANTICS |
| B: | |  |  | | --- | --- | | NAME | Basify | | PURPOSE | Compute the Lexical Base | | SYNTAX  & SEMANTICS | |  | | --- | | b: | | Set IO as AI reduced to only its unique characters in their order of occurrence within AI | | b:STR | | Same as b:, but operating on string STR | | b!: | | Same as b: but with the results sorted in alphabetical order | | b!:STR | | Same as b!: but operating on STR | | b\*:vNAME  b\*!:vNAME | | The first as b:, the second as b!:, but operating on string in vault vNAME | |  | | NOTES | The **Lexical Base** of the AI is to be understood as the reduction of the AI to a string made of only the **unique** characters in AI, and these, then sorted in ascending **Lexical Order** for B-Inverse otherwise occurring in their order of occurrence.  By the definitions above, the program:  i!:{BC CB BA AB} | b:  Should return “BC A”. While  i!:{bC CB BA aB} | b!:  Should return “ABCab”. But  i!:{bC CB BA aB} | b:  Shall return “bC BAa”. |  | |