Exemples 1 : Compression du texte « CABRACADABRARRARRAD »

NB : le RAR dans le Buf de Rech peut faire une rotation pour trouver : RARRA present dans le Buff d’Entrer.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Buffer de recherche | | | | | | | Buffer d’entrée | | | | | | Encodage | | |
|  | | | | | | |  | | | | | | Dist | Long | Char |
|  |  |  |  |  |  |  | C | A | B | R | A | C | 0 | 0 | C |
|  |  |  |  |  |  | C | A | B | R | A | C | A | 0 | 0 | A |
|  |  |  |  |  | C | A | B | R | A | C | A | D | 0 | 0 | B |
|  |  |  |  | C | A | B | R | A | C | A | D | A | 0 | 0 | R |
|  |  |  | C | A | B | R | A | C | A | D | A | B | 3 | 1 | C |
|  | C | A | B | R | A | C | A | D | A | B | R | A | 2 | 1 | D |
| A | B | R | A | C | A | D | A | B | R | A | R | R | 7 | 4 | R |
| A | D | A | B | R | A | R | R | A | R | R | A | D | 3 | 5 | D |
| B | R | A | R | R | A | D |  |  |  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Encodage | | | Decodage |
| Dist | Long | Char |  |
| 0 | 0 | C | C |
| 0 | 0 | A | CA |
| 0 | 0 | B | CAB |
| 0 | 0 | R | CABR |
| 3 | 1 | C | CABRAC |
| 2 | 1 | D | CABRACAD |
| 7 | 4 | R | CABRACADABRAR |
| 3 | 5 | D | CABRACADABRARRARRD |

Exemple 2 : Compression de texte : « WABBATWABBATWABBATWOOTWOOTWO »

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Buffer de recherche | | | | | | | Buffer d’entrée | | | | | | Encodage | | |
|  | | | | | | |  | | | | | | Dist | Long | Char |
|  |  |  |  |  |  |  | W | A | B | B | A | T | 0 | 0 | W |
|  |  |  |  |  |  | W | A | B | B | A | T | W | 0 | 0 | A |
|  |  |  |  |  | W | A | B | B | A | T | W | A | 0 | 0 | B |
|  |  |  |  | W | A | B | B | A | T | W | A | B | 1 | 1 | A |
|  |  | W | A | B | B | A | T | W | A | B | B | A | 0 | 0 | T |
|  | W | A | B | B | A | T | W | A | B | B | A | T | 6 | 6 | W |
| W | A | B | B | A | T | W | A | B | B | A | T | W | 6 | 6 | O |
| A | B | B | A | T | W | O | O | T | W | O | O | T | 1 | 1 | T |
| B | A | T | W | O | O | T | W | O | O | T | W | O | 4 | 5 | O |

|  |  |  |  |
| --- | --- | --- | --- |
| Encodage | | | Decodage |
| Dist | Long | Char |  |
| 0 | 0 | W | W |
| 0 | 0 | A | WA |
| 0 | 0 | B | WAB |
| 1 | 1 | A | WABBA |
| 0 | 0 | T | WABBAT |
| 6 | 6 | W | WABBATWABBATW |
| 6 | 6 | O | WABBATWABBATWABBATWO |
| 1 | 1 | T | WABBATWABBATWABBATWOOT |
| 4 | 5 | O | WABBATWABBATWABBATWOOTWOOTWO |