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Setup(DB)
1.  $K \xleftarrow{\$} \{0,1\}^\lambda$ allocate list $L$
2.  For each $w \in W$:
        $K_1 \leftarrow F(K, 1\|w)$, $K_2 \leftarrow F(K, 2\|w)$
        Initialize counter $c \leftarrow 0$
        For each $\mathsf{id} \in \mathsf{DB}(w)$ :
            $\ell \leftarrow F(K_1, c)$; $d \leftarrow \mathsf{Enc}(K_2, \mathsf{id})$; $c$++
            Add $(\ell, d)$ to the list $L$ (in lex order)
    Set $\gamma \leftarrow \mathsf{Create}(L)$
3.  Output the client key $K$ and $\mathsf{EDB} = \gamma$.
Search
Client: On input $(K, w)$,
        $K_1 \leftarrow F(K, 1\|w)$, $K_2 \leftarrow F(K, 2\|w)$
        Send $(K_1, K_2)$ to the server.
Server: For $c = 0$ until Get returns $\perp$,
        $d \leftarrow \mathsf{Get}(\gamma, F(K_1, c))$; $m \leftarrow \mathsf{Dec}(K_2, d)$
        Parse and output id in each $m$
```