

The graph illustrates the growth of instance counts for nine different hash functions over a period of 100 time units. The x-axis represents the 'number_of_instances' from 0 to 1,000,000 (1e6), and the y-axis represents 'time' from 0 to 100. ELFHash (red line) shows a rapid, exponential-like increase, reaching approximately 1,000,000 instances by time 100. In contrast, the other hash functions (RSHash, JSHash, PJWHash, BKDRHash, SDBMHash, DJBHash, DEKHash, and APHash) show much slower, nearly linear growth, remaining below 100,000 instances throughout the 100 time units.

| Hash Function | Approximate Number of Instances at Time 100 |
|---------------|---|
| ELFHash | ~1,000,000 |
| RSHash | ~50,000 |
| JSHash | ~40,000 |
| PJWHash | ~30,000 |
| BKDRHash | ~20,000 |
| SDBMHash | ~15,000 |
| DJBHash | ~10,000 |
| DEKHash | ~8,000 |
| APHash | ~5,000 |

