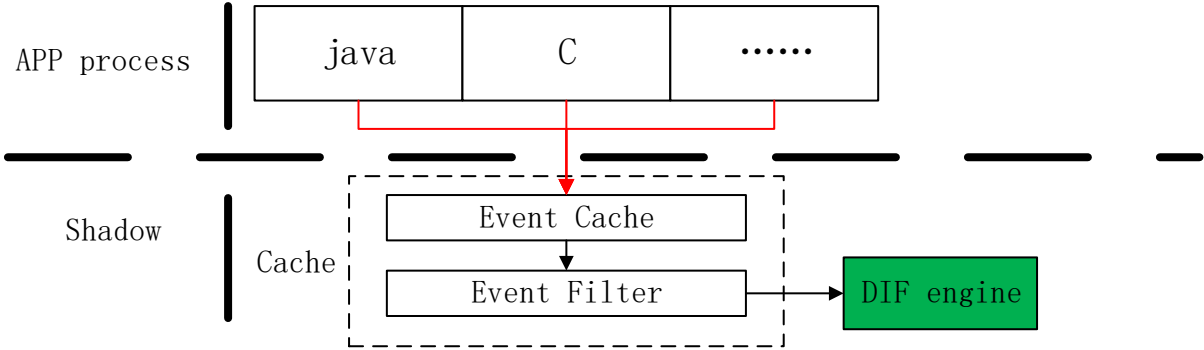


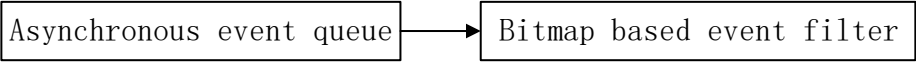
1

Overview



2

Cache



Key1: multiple language execution unit share a Event Cache

Key2: High performance requirement for Event Filter by Event ID

64bits Event ID Definition:

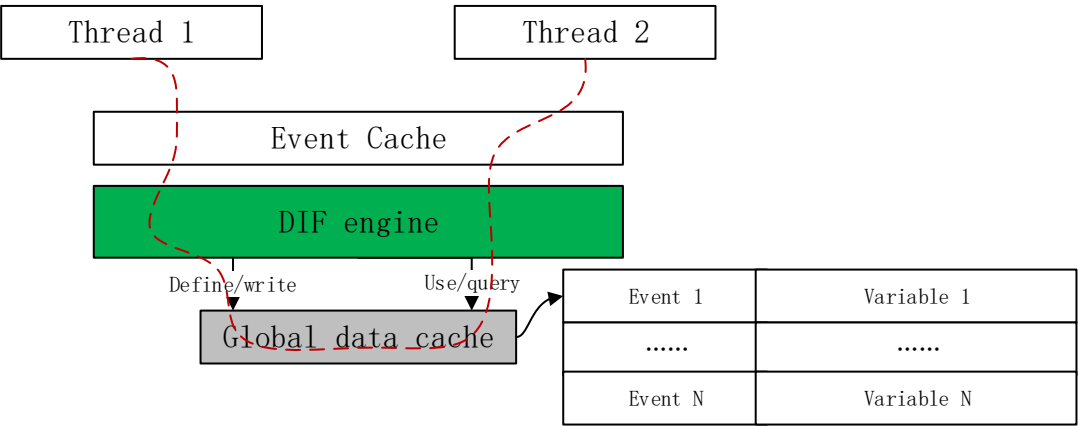


- 4 bits language type: 15 languages
- 4 bits reserves: reserve for other purpose
- 14 bits function ID: 16K functions
- 18 bits block ID:256 K blocks
- 24 bits instruction ID: 16,384 K instructions

3

Multi-Thread Handling

- Key1:** Event queue synchronization
- Key2:** Global data flow between different threads



4

Multi-Process Handling

