

Oilpan: C++ Garbage Collection

Oilpan is an open-source garbage collection library for C++ that can be used stand-alone or in collaboration with V8's JavaScript garbage collector.

Key properties - Trace-based garbage collection; - Precise on-heap memory layout; - Conservative on-stack memory layout; - Allows for collection with and without considering stack; - Incremental and concurrent marking; - Incremental and concurrent sweeping; - Non-incremental and non-concurrent compaction for selected spaces;

See the Hello World example on how to get started using Oilpan to manage C++ code.

Oilpan follows V8's project organization, see e.g. on how we accept contributions and provide a stable API.