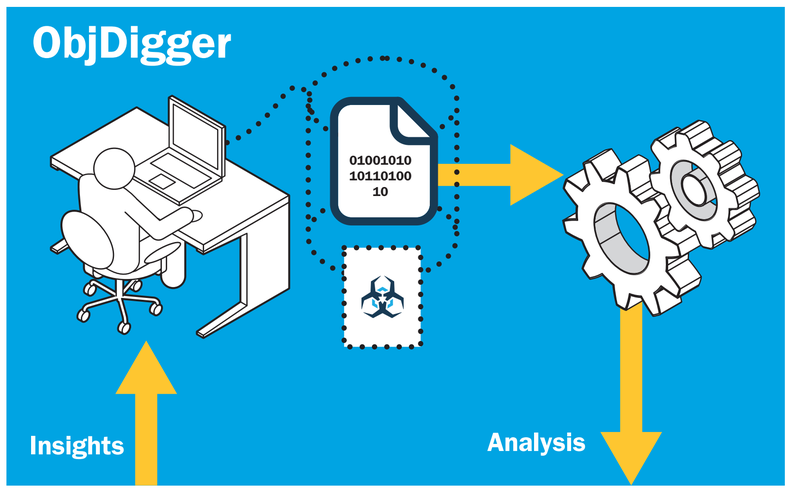
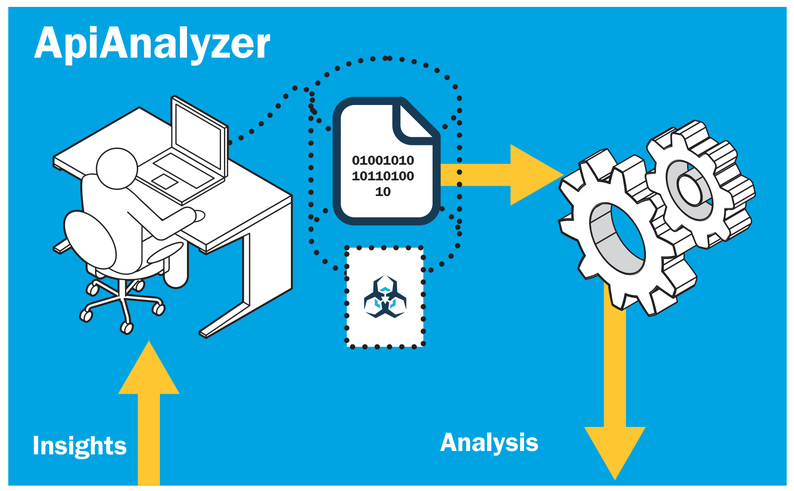
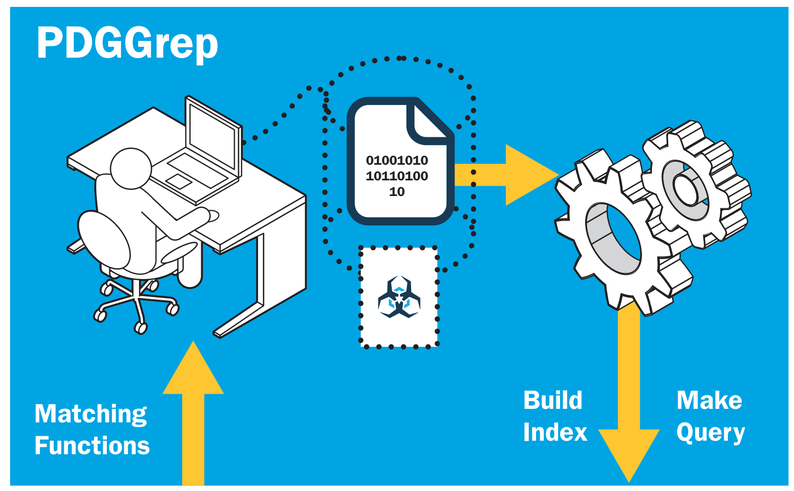
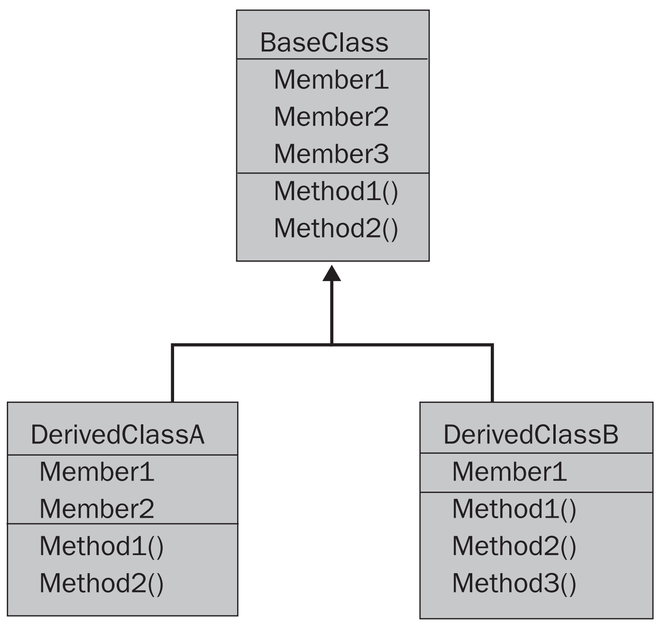
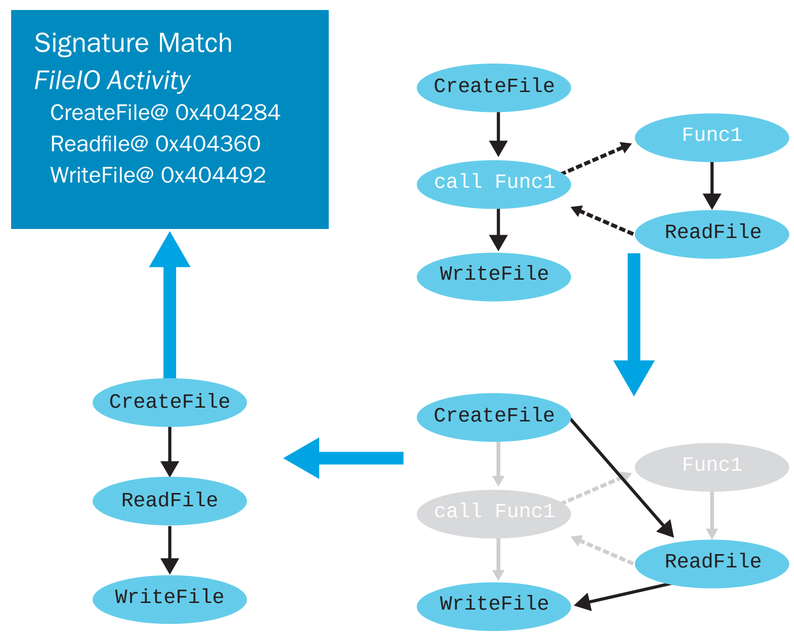
Pharos Static Analysis Tools

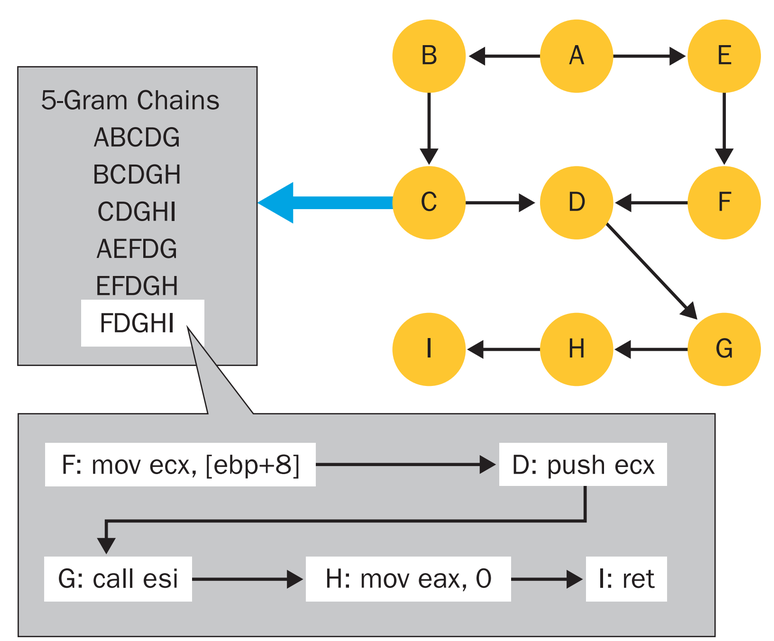












Analyzes OO (Object-Oriented) program and finds:

- **Classes with members**
- **Methods for each class**
- **Virtual function tables**
- **Member accesses**
- **Virtual function calls**

Analyzes API call graph:

- **Reads EXE and signatures**
- **Simplifies CFG (just API calls)**
- **Searches CFG recursively**
- **Substitutes subgraphs in CFG**
- **Returns signature matches**

ROSE use-def makes chains:

- **Index is built from chains**
- **Query is built the same way**
- **Insensitive to register changes**
- **Match or ignore constants**
- **More semantic than BigGrep**

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