

### What is an Integrated Development Environment (IDE)?

An IDE is software that enables developers to build applications by consolidating essential activities into a single tool. This includes the ability to write, modify, and debug code. Integrations allow developers to connect with code repositories, merge their changes, and perform code analysis using third party tools.

### What is CodeLogic?

CodeLogic is a self-updating application dependency mapping and impact analysis solution. CodeLogic scans static and dynamic code to create a comprehensive, searchable map, from class to method to database. This intelligence enables application teams to perform code dependency analysis. CodeLogic compliments your IDE by providing developers with deeper application insights to make more informed decisions on everything from small product enhancements to full-stack architectural changes.

## IDEs

### Build

Builds your application by creating & modifying source code.

### Push/ Pull

Checks code in/out via source control tools.

### Debug

Creates local developer builds & debugs code.

### Search

Identifies dependencies via source code search.

### Code Analysis

Identifies dependencies via static code analysis.

## CodeLogic

### Static Scanning

Identifies and maps dependencies more quickly.

### Dynamic Scanning

Goes beyond an IDE to discover hidden dependencies/ Scans at runtime for compiled code.

### Application Mapping

Creates a searchable, visual map of app code down to the data layer.

### Impact Analysis

Identifies & visualizes dependencies via advanced relationship mapping.

### Pre-Flight Check

Scans any development or pre-production environment to surface dependencies before release.