THE TEMPLATE PATTERN

IS DONE USING FRAMEWORKS

FRAMEWORKS ARE COMPLICATED GROUPS OF CLASSES THAT DO A BUNCH OF STUFF -

AS A PROGRAMMER YOUR JOB
IS TO PLUG IN LITTLE BITS OF CODE
THAT CUSTOMIZE WHAT THE
FRAMEWORK DOES

FRAMEWORKS WIDELY USE SOMETHING
KNOWN AS THE DEPENDENCY INVERSION
PRINCIPLE

In object-oriented programming, the dependency inversion principle refers to a specific form of decoupling software modules. When following this principle, the conventional dependency relationships established from high-level, policy-setting modules to low-level, dependency modules are inverted (i.e. reversed), thus rendering high-level modules independent of the low-level module implementation details. The principle states:^[1]

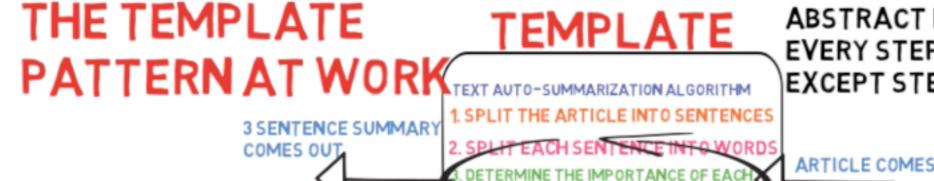
- A. High-level modules should not depend on low-level modules. Both should depend on abstractions.
- B. Abstractions should not depend on details. Details should depend on abstractions.

OR SIMPLY PUT -

HIGH-LEVEL CODE SAYS TO LOW-LEVEL CODE: "DON'T CALL US, WE'LL CALL YOU"

FRAMEWORKS ARE, IN FACT, A NATURAL EXTENSION OF

THE TEMPLATE PATTERN



IMPORTANCE

SENTENCES

6. RETURN THE TOP 3 MOST IMPORTANT

ABSTRACT BASE CLASS WITH EVERY STEP IMPLEMENTED **EXCEPT STEP 3**

ARTICLE COMES IN