

## 2. Spring Core

### 2. Maven

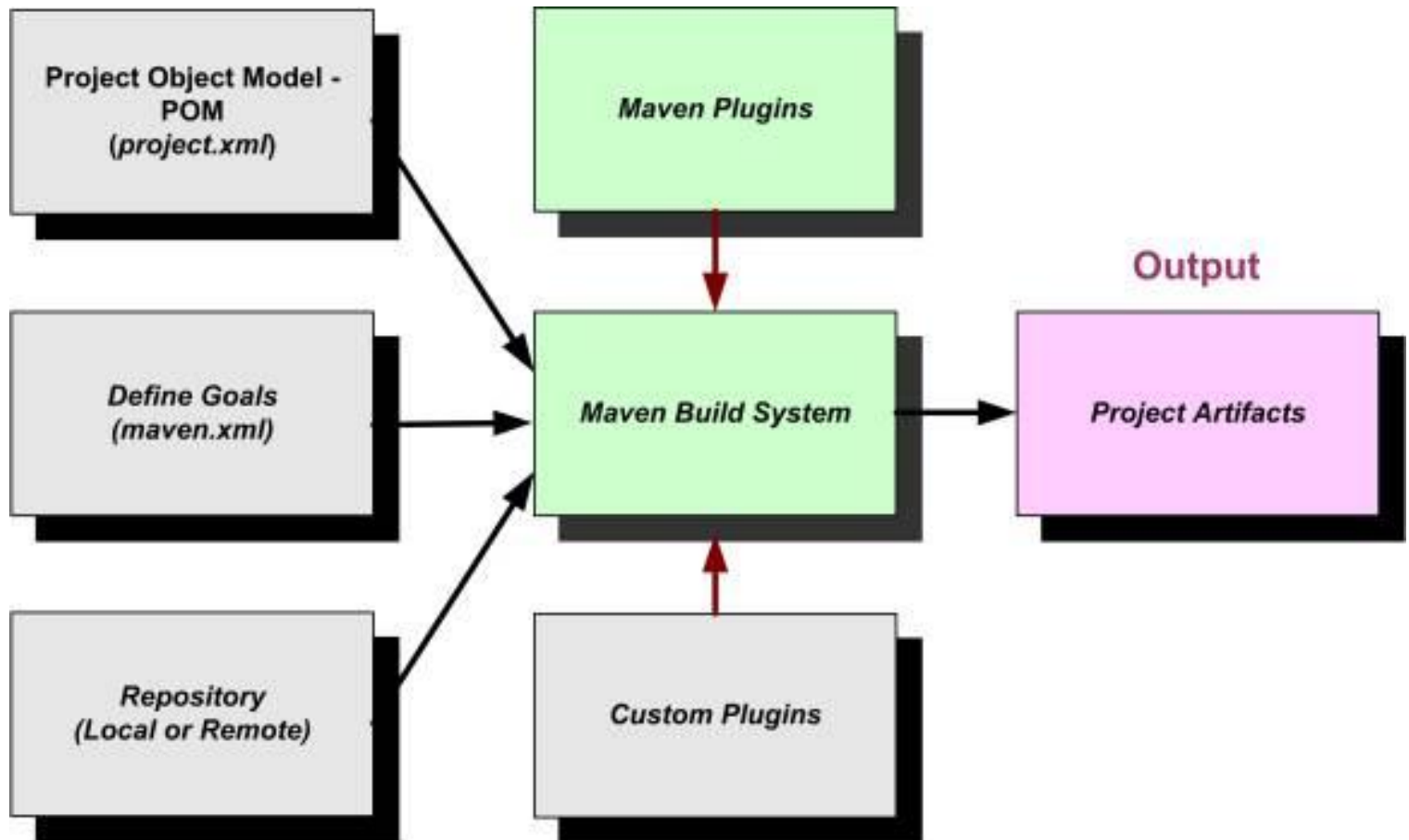
# Maven Goals

- **Maven** is a build automation tool used primarily for Java projects:
  - the software project being built description
  - its dependencies on other external modules and components
  - the build order
  - directories
  - and required plug-ins

# Maven Advantages

- OS independence
- Dependencies management
- Project can be built from a command line
- High level of IDE integration
- Declarative project description

# Build process



# Maven Repositories

- Maven dynamically downloads Java libraries and Maven plug-ins from one or more repositories such as the Maven 2 Central Repository, and stores them in a local cache
- This local cache of downloaded artifacts can also be updated with artifacts created by local projects

# Install maven

- Download Apache Maven from <http://maven.apache.org/download.cgi>
- Unzip downloaded file to some folder