CDI with JBoss EAP 6

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CDI with JBoss EAP 6 – Weld

- CDI = Context and Dependency Injection
  - Introduced to Java EE 6 through JSR 299
- What does it do?
  - Automatic creation and destruction of managed beans
  - Inject beans into other beans in a type-safe manner
  - Loose Coupling:
    - Produce and consume events
    - Decorators and Interceptors
  - Integrates with Expression Language (EL)

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- How does it work?
  - Annotations
  - Scopes:
    - @ApplicationScoped, @SessionScoped,@RequestScoped, @ConversationScoped, @Singleton
  - Injection site - @Inject
  - Qualifiers – defined by developer - @MyQualifier
  - Producer fields and methods - @Produces
  - EL Integration - @Named
  - Switch it on with beans.xml

CDI with JBoss EAP 6 – Weld

- Demo: Mood Checker
    - JBoss Developer Studio 5 and JBoss EAP 6
    - Project Type: CDI Web Application
    - Features:
        - Scope
        - Injection with Qualifiers
        - EL Integration

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