

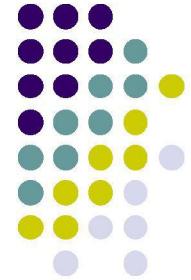
# ISO-IEC 12207/ (IEEE/EIA 12207.2.1997)

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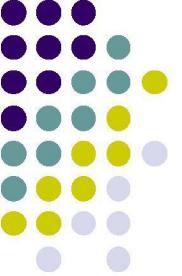
- ISO
- the International Organization for Standardization
- IEC
- the International Electrotechnical Commission
- IEEE
- Institute Electrical and Electronics Engineers
- EIA
- Electronic Industries Association

# ISO-IEC 12207

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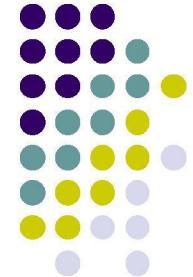
- 5.) Primary Life-Cycle Processes
- 6.) Supporting Life-Cycle Processes
- 7.) Organizational life cycle processes



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- 5.) Primary Life-Cycle Processes:
  - 5.1) Acquisition / edinme
  - 5.2) Supply / tedarik
  - 5.3) Development / geliştirme
  - 5.4) Operation / işletim
  - 5.5) Maintenance / bakım-idame



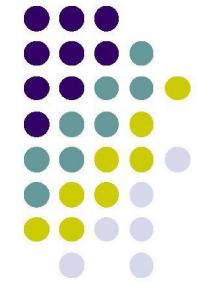
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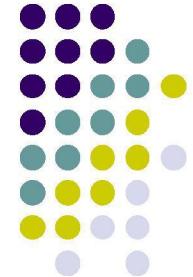
- 6. Supporting / destek Life-Cycle Processes
  - 6.1 Documentation /
  - 6.2 Configuration management / Konfigürasyon
  - 6.3 Quality assurance / kalite güvence
  - 6.4 Verification / ?
  - 6.5 Validation / ?
  - 6.6 Joint Review / ortak gözden geçirme
  - 6.7 Audit / təftiş
  - 6.8 Problem resolution / problem çözümü

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- 7. Organizational life cycle processes
  - 7.1) management processes / yönetim süreçleri
  - 7.2) infrastructure processes / altyapı süreçleri
  - 7.3) improvement processes / iyileştirme süreçleri
  - 7.4) training processes / eğitim süreçleri



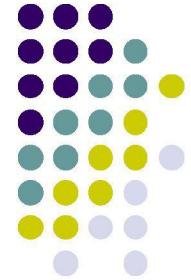
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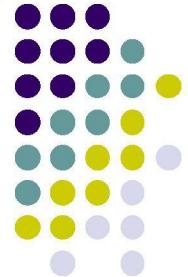
- 5.) Primary Life-Cycle Processes:
  - 5.1) Acquisition / edinme
    - 5.1.1 Initiation / başlatma
    - 5.1.2.Request-to-proposal / teklif talebi
    - 5.1.3.Contract preparation / sözleşme hazırlığı
    - 5.1.4.Supplier monitoring / tedarikçi takibi
    - 5.1.5.Acceptance and completion / kabul ve tamamlama

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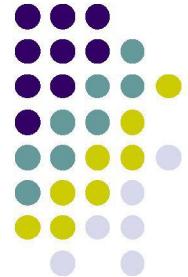
- 5.) Primary Life-Cycle Processes:
  - 5.2) Supply / tedarik
    - 5.2.1.Initiation / başlatma
    - 5.2.2.Preparation of response / cevap hazırlığı
    - 5.2.3.Contract / sözleşme
    - 5.2.4.Planning / planlama
    - 5.2.5.Execution and control / icra ve kontrol
    - 5.2.6.Review and evaluation / gözden geçirme ve irdelenme
    - 5.2.7. Delivery and completion / teslimat ve tamamlama



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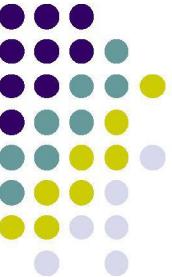
- 5.) Primary Life-Cycle Processes:
  - 5.3) Development / geliştirme
    - 5.3.1) Process implementation / süreç uygulama
    - 5.3.2) System requirements analysis / Sistem Gerekleri analizi
    - 5.3.3) System architectural design / sistem mimarisi tasarıımı
    - 5.3.4) Software requirements analysis / Yazılım Gerekleri analizi
    - 5.3.5) Software architectural design / yazılım mimarisi tasarıımı
    - 5.3.6) Software detailed design / yazılım detaylı tasarıımı
    - 5.3.7) Software coding and testing / yazılım kodlama ve testi



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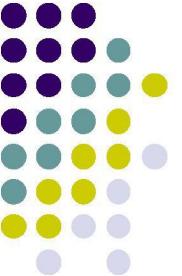
- 5.) Primary Life-Cycle Processes:
  - 5.3) Development
    - 5.3.8) Software integration / yazılım bütünlendirme
    - 5.3.9) Software qualification testing / yazılım kalite test
    - 5.3.10) System integration / sistem bütünlendirme
    - 5.3.11) Sysytem qualification testing Sistem klt. testi
    - 5.3.12) Software installation / yazılım kurulumu
    - 5.3.13) Software acceptance support /yazılım kabul destek



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- 5.) Primary Life-Cycle Processes:
  - 5.4) Operation / işletim
    - Process implementation / süreç uygulama
    - Operational Testing / işletim testi
    - System Operation / sistem işlemi
    - User Support / kullanıcı desteği



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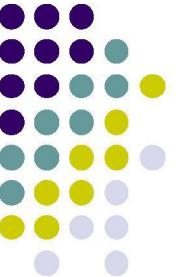
- 5.) Primary Life-Cycle Processes:
  - 5.5) Maintenance / bakım-idame
    - Process implementation / süreç uygulama
    - Problem and modification analysis / problem ve değişiklik analizi
    - Modification implementation / değişiklik uygulama
    - Maintenance review and acceptance / bakım-idame gözden geçirme ve kabul
    - Migration / Aktarma (taşıma,aktarma)
    - Software retirement (yazılımı kullanımdan çıkışma)



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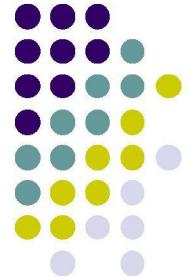
- 6. Supporting Life-Cycle Processes
  - 6.1 Documentation process
  - 6.2 Configuration management process
  - 6.3 Quality assurance process
  - 6.4 Verification process
  - 6.5 Validation process
  - 6.6 Joint Review process
  - 6.7 Audit process
  - 6.8 Problem resolution process



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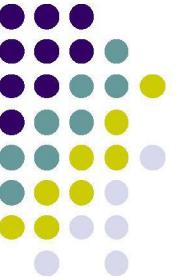
- 6. Supporting Life-Cycle Processes
  - 6.1 Documentation
    - process implementation
    - design and development
    - production
    - maintenance



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- 6. Supporting Life-Cycle Processes
  - 6.2 Configuration management/konfigürasyon yönetimi
    - process implementation
    - configuration identification
    - configuration control
    - configuration status accounting
    - configuration evaluation
    - release management and delivery /sürüm yönetimi ve teslimatı



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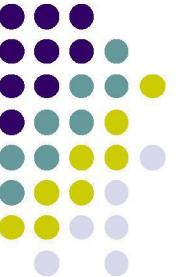
- 6. Supporting Life-Cycle Processes
  - 6.3 Quality assurance
    - process implementation
    - product assurance
    - process assurance
    - assurance of quality systems



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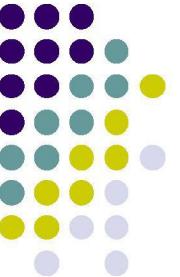
- 6. Supporting Life-Cycle Processes
  - 6.4 Verification
    - process implementation
    - verification



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- 6. Supporting Life-Cycle Processes
  - 6.5 Validation
    - process implementation
    - validation



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- 6. Supporting Life-Cycle Processes
  - 6.6 Joint Review
    - process implementation
    - process management reviews
    - Technical reviews



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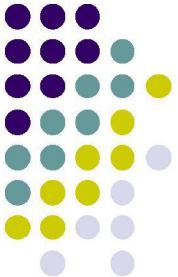
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- 6. Supporting Life-Cycle Processes
  - 6.7 Audit
    - process implementation
    - audit

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- 6. Supporting Life-Cycle Processes
  - 6.8 Problem resolution
    - process implementation
    - problem resolution





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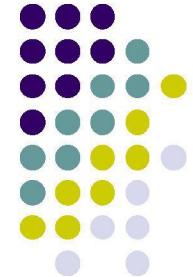
- 7. Organizational life cycle processes
  - 7.1) management processes
  - 7.2) infrastructure processes
  - 7.3) improvement processes
  - 7.4) training processes



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- 7. Organizational life cycle processes
  - 7.1) management processes
    - initiation and scope definition / başlatma ve kapsam tanımı
    - Planning / planlama
    - execution and control / icra ve kontrol
    - review and evaluation / gözden geçirme ve irdeleme
    - Closure / kapanış



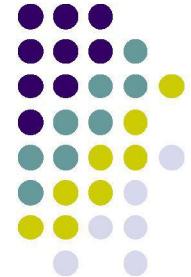
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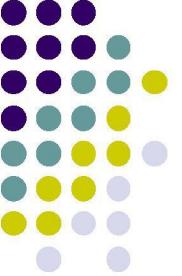
- 7. Organizational life cycle processes
  - 7.2) infrastructure processes / altyapı süreçleri
    - process implementation / süreç uygulama
    - establishment of the infrastructure / altyapı kurulumu
    - maintenance of the infrastructure / altyapı bakım ve idamesi

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- 7. Organizational life cycle processes
  - 7.3) improvement processes / iyileştirme süreçleri
    - process establishment / süreç kurulumu
    - process assessment / süreç değerlendirme
    - process improvement / süreç iyileştirme



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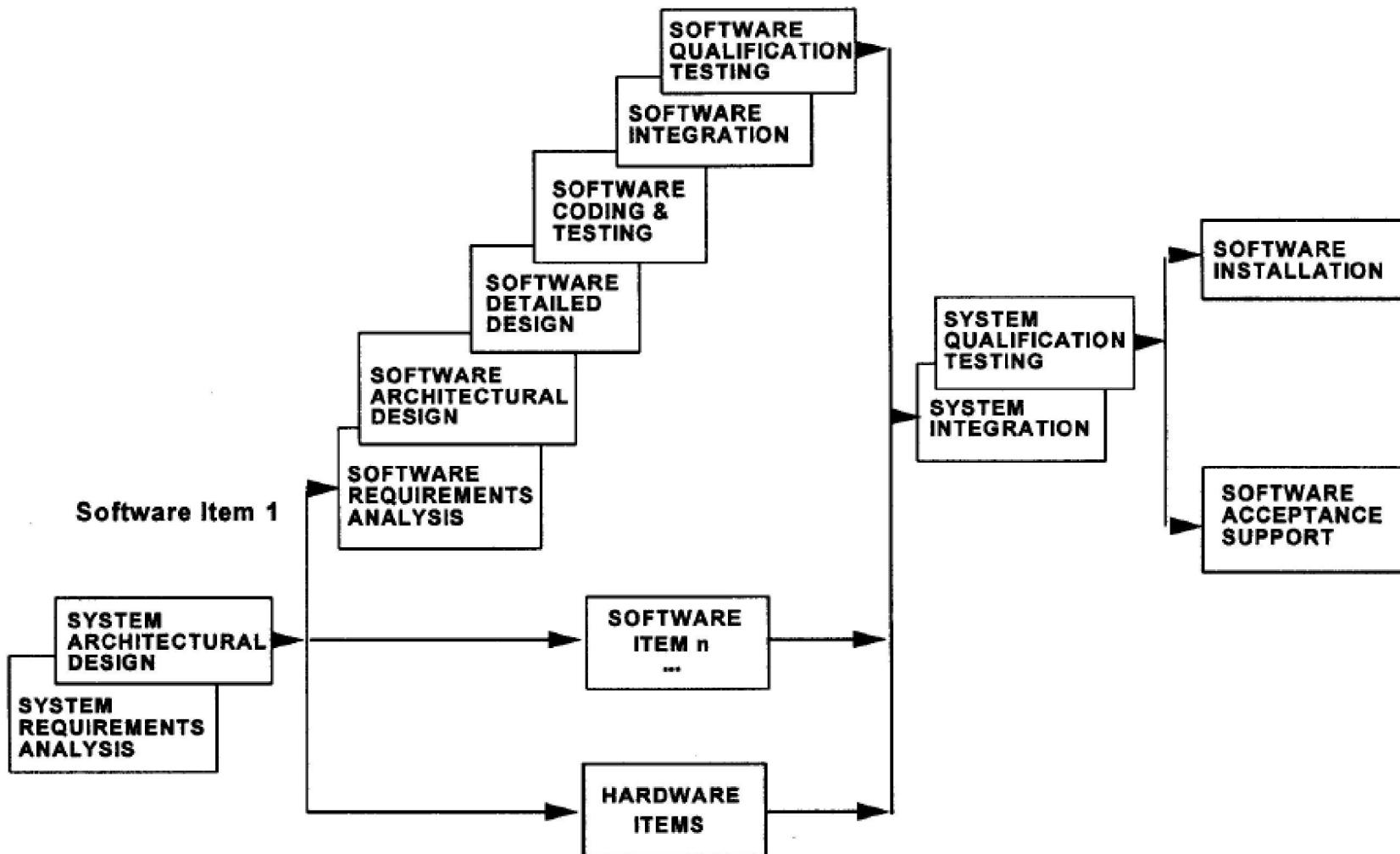
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- 7. Organizational life cycle processes
  - 7.4) training processes
    - process implementation / süreç uygulama
    - training material development / eğitim malzemesi geliştirme
    - training plan implementation / eğitim planının uygulanması

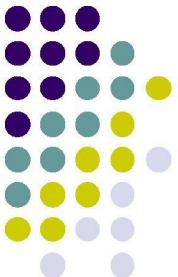
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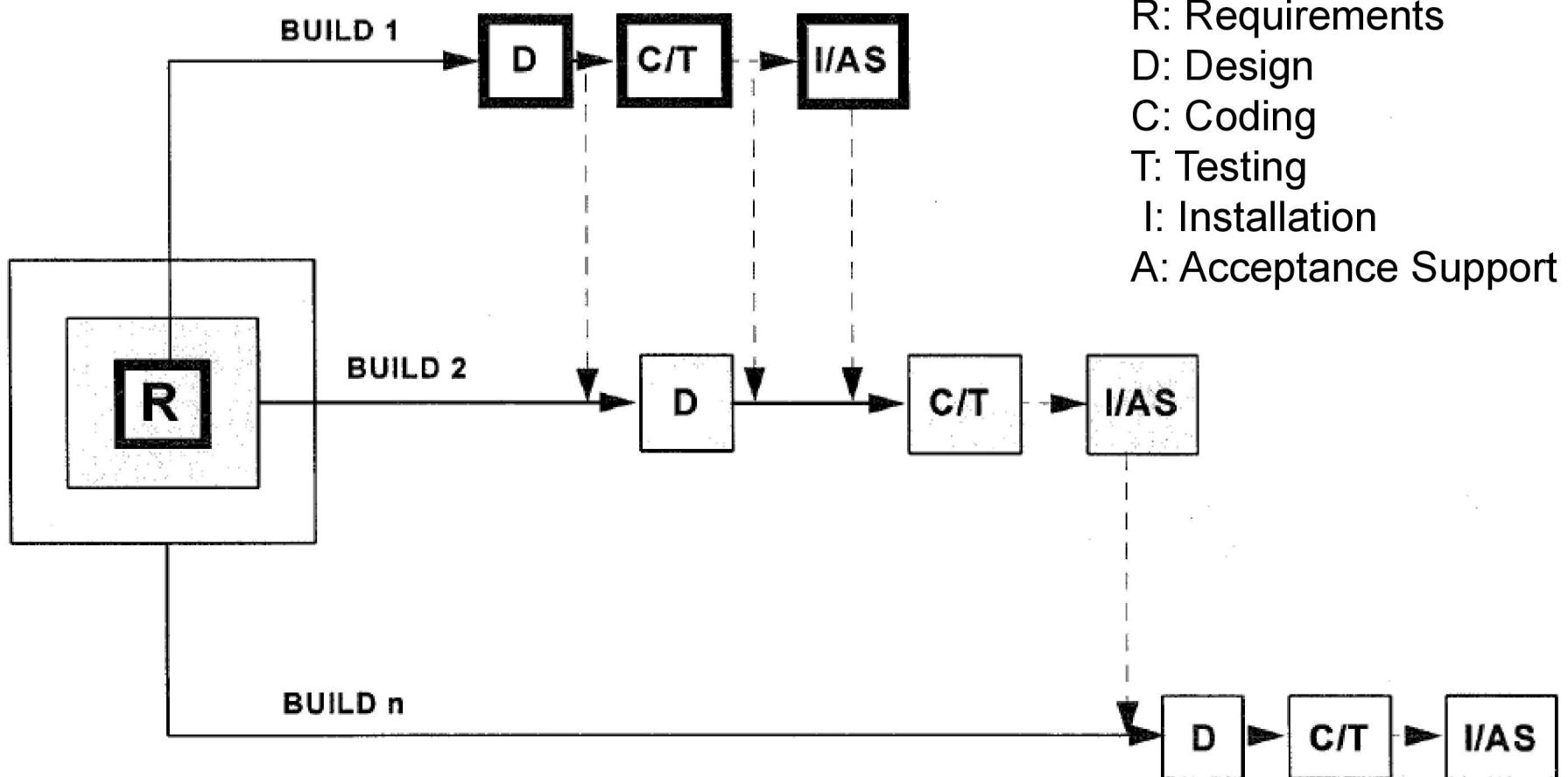
- One possible way of applying to the Waterfall development strategy

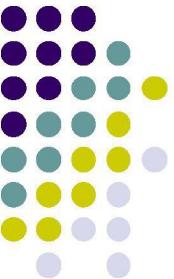


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- One possible way of applying to the Incremental development strategy





# ISO-IEC 12207

- One possible way of applying to the Evolutionary development strategy

