page 1 video post for ad for 6156 4156 11/17/15 black box - review requirement - a design white box - never code find problems earlier find problems that dynamiz testing con't (e.s., unreadable code) Why? four essential elements - identify problems in document, find missing items as well as "Drong" items - follow rules define roles moder aton - external recorder

define length of time or amount of document (pages, loc)

- prepare

do mini-review in advance alore or in pair

- write report

Summarte results
how many problems found
where found
what himd

in addition to by reports

why? what can report be used for?

Walhthrough - read through informal line by line review

explain what code does & why

mspectron - reader is not author

formal review

more roles besides moderator, recorder

represent end-user, tester, technical support

each problem classified foodont

mmor- author fixes on own the moderate - moderator nevers Severe - whole team meets agam

two hours standard length

par programming sometimes replaces code review

coding standards are more common now so less need to check for styles - state tools can do check toos ford buss "dynamiz" testing

black box - equivalence partitions & boundaries

what box - manager look at code thorough new of testing

directly test low-level functions classes amethods APIs / libraries

also test at top-level, but considering

access state information to determine whether tests are down what you think they are

force software to de thous that would be had to force from top level

measure how much code is hit,
what specifically was misseel don't lose
remove redundancy to set
add missing today
abilibil

dynamiz white-box testing is not debugging = fix bugs

altho like all testing goal is ultimately to find by

both debug + dynamiz
white box "isolate" bugs
- where why bug occurs

good so tester should help w/ debugging by narrowing down problem to simplest test case that demonstrate the bus

- If fond dum while box
testms, we know suspirious
lines of code (the lines
exercised by that test
anot exercised by other
test that passed)

Aepencies dependencies among tests

- tests can cause

False positives (falls) x

eget

Eget

Uhen run m "unon" order

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mtegration testing

test units 1st mcremental

put together full system adding

one unit (class) at a time

top down - need stubs

both need "mochs" for external Systems, databases, etc.

Coverage - dataflow +

Thurday lecture