



Agile Testing Journey

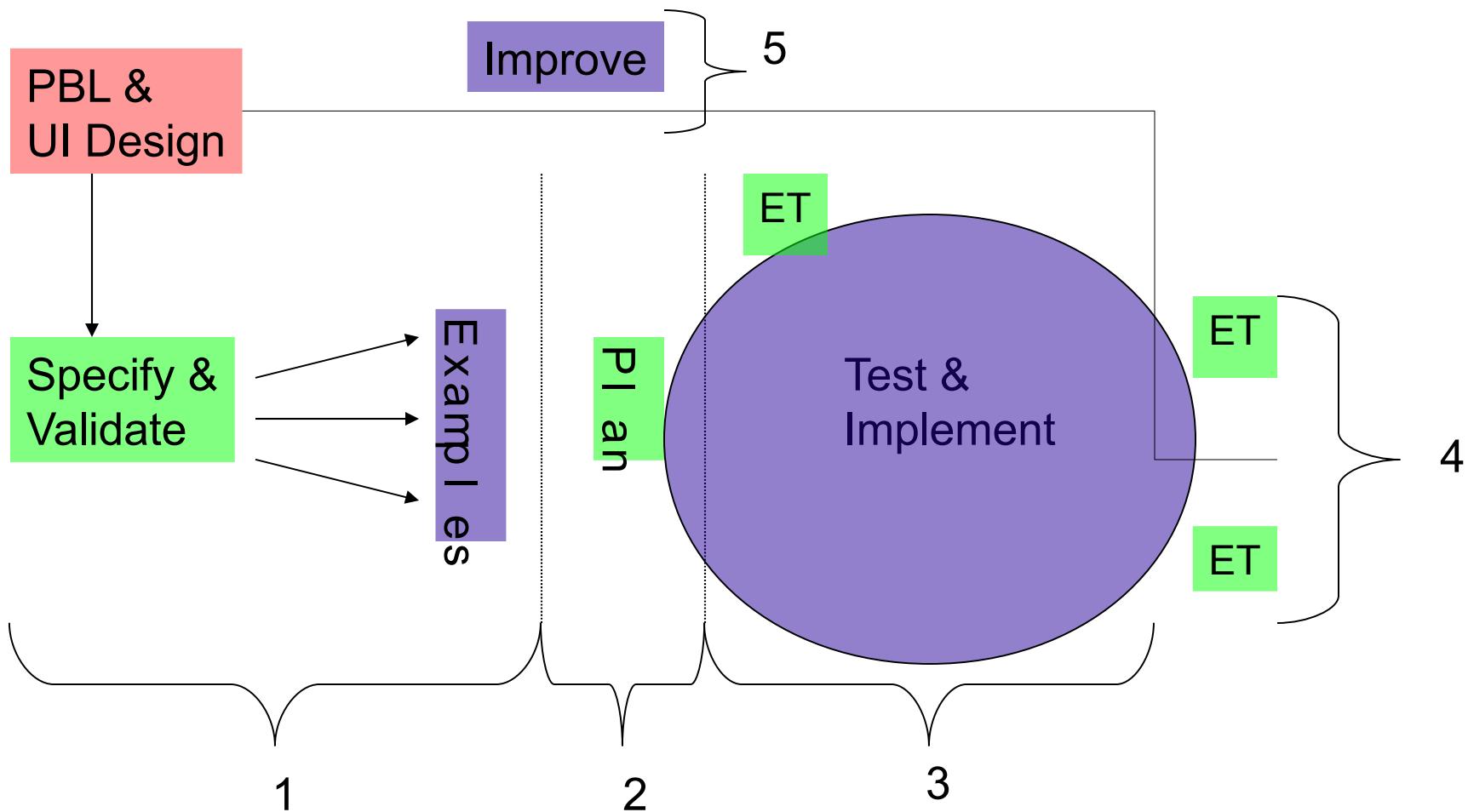
Markus Hjort, Agile Coach

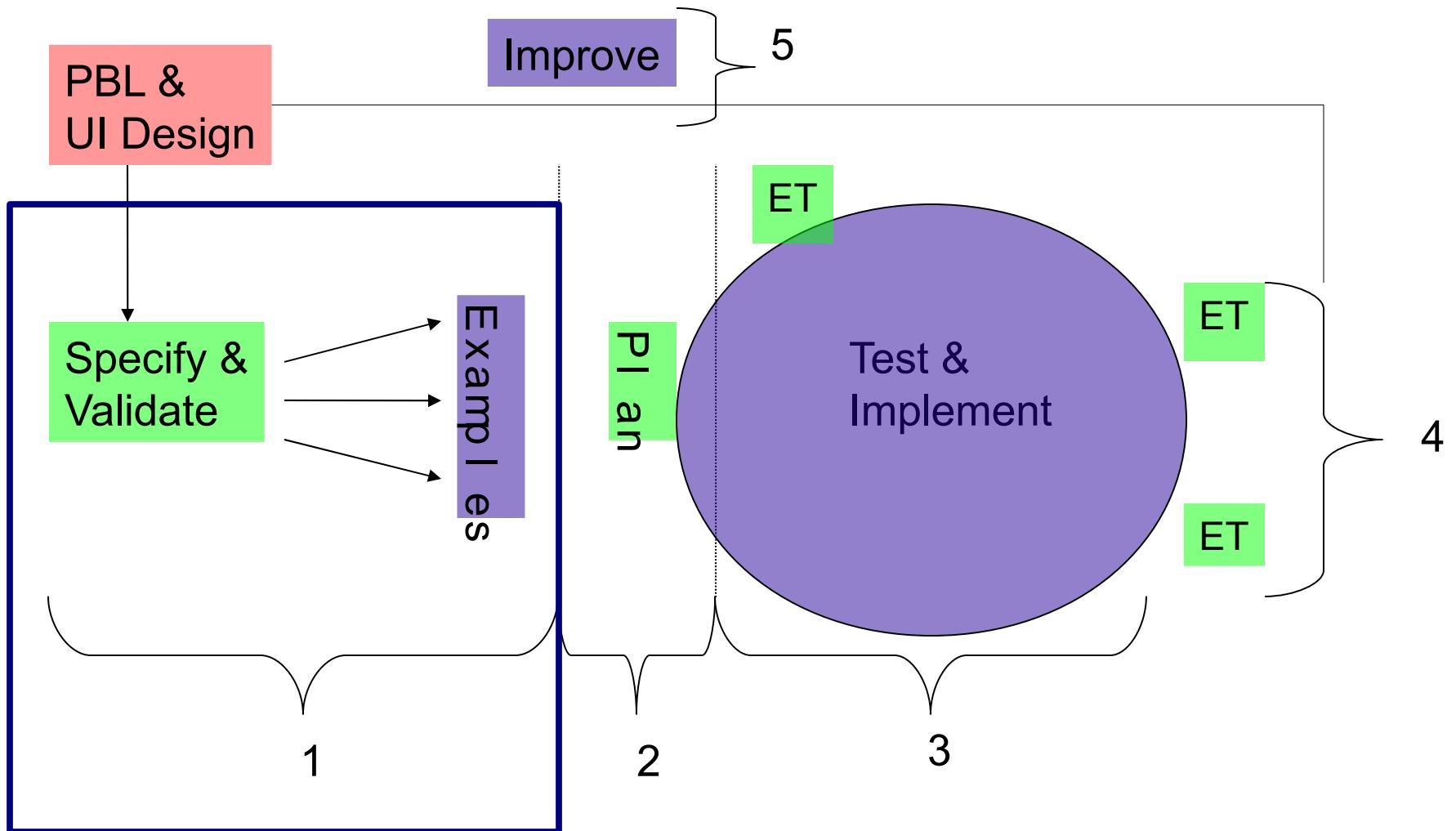
Goal of Presentation

To walk through the path required to get a feature from specification to done from testing perspective



Testing Flow

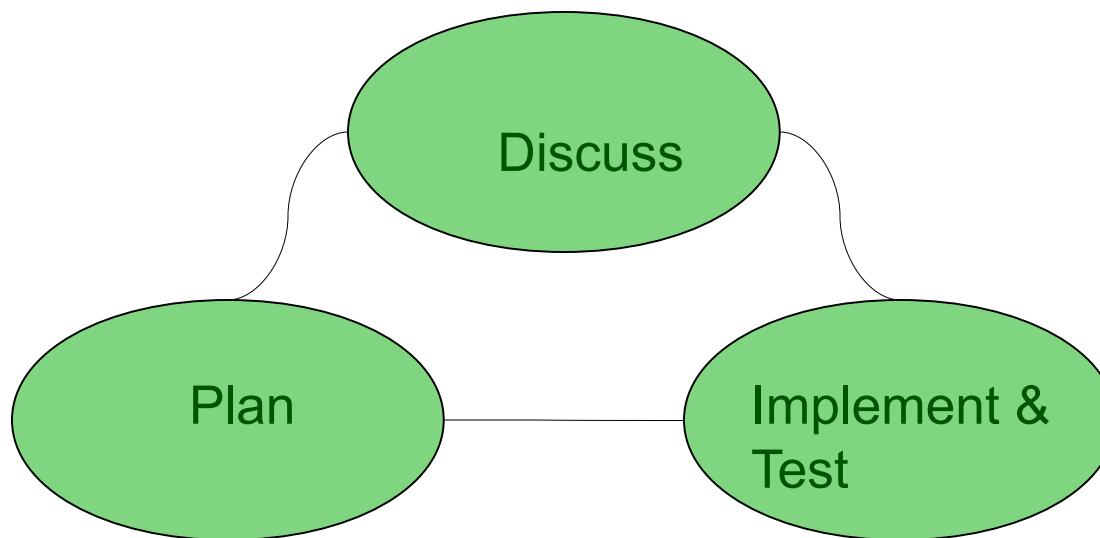




Acceptance Test Driven Development

Examples = Specifications = Test Cases

Expectations/Requirements are tested in advance



Acceptance tests are
not acceptance tests

FEATURE

EMPLOYER CAN APPLY
STATUTORY PENSION INSURANCE
FOR HIS EMPLOYEES ONLINE

SALARY

1ST EMPLOYMENT
START DATE

9500 €

8.8.2011

DECLARATION
METHOD

MONTHLY

YEARLY

APPLY

BASIC FLOW

GIVEN THE APPLICATION IS
OPENED

WHEN THE EMPLOYER GIVES
COMPANY'S INFORMATION

AND APPLIES INSURANCE

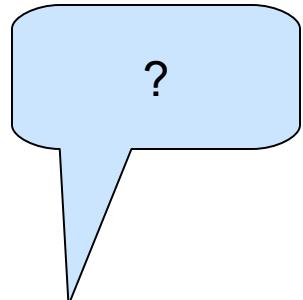
THEN INCOMPLETE APPLICATION
IS CREATED

AND REFERENCE NUMBER
IS SHOWN TO
EMPLOYER

Can the date be in the past?
How far?

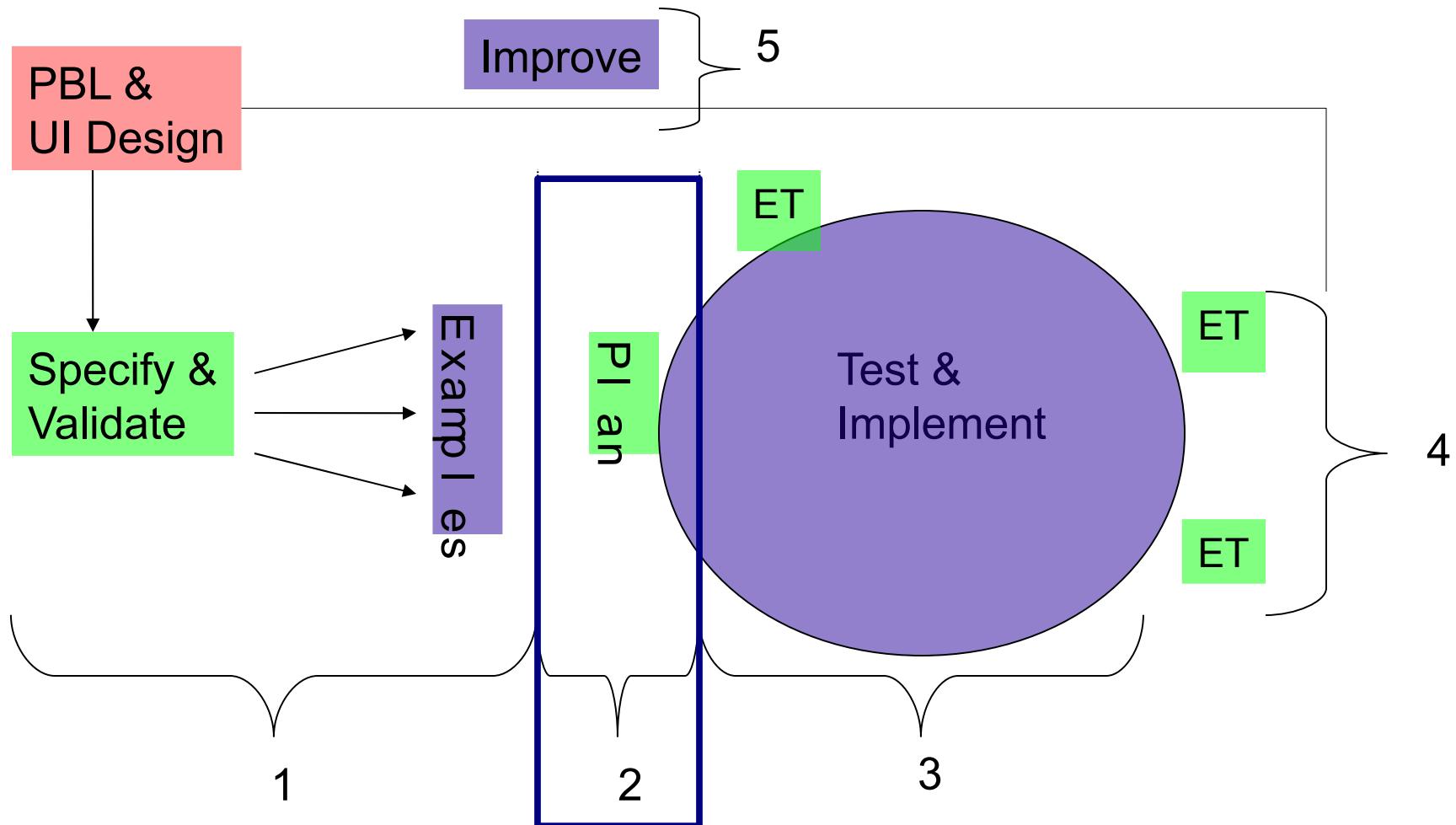
How about the future?

Which formats are accepted?

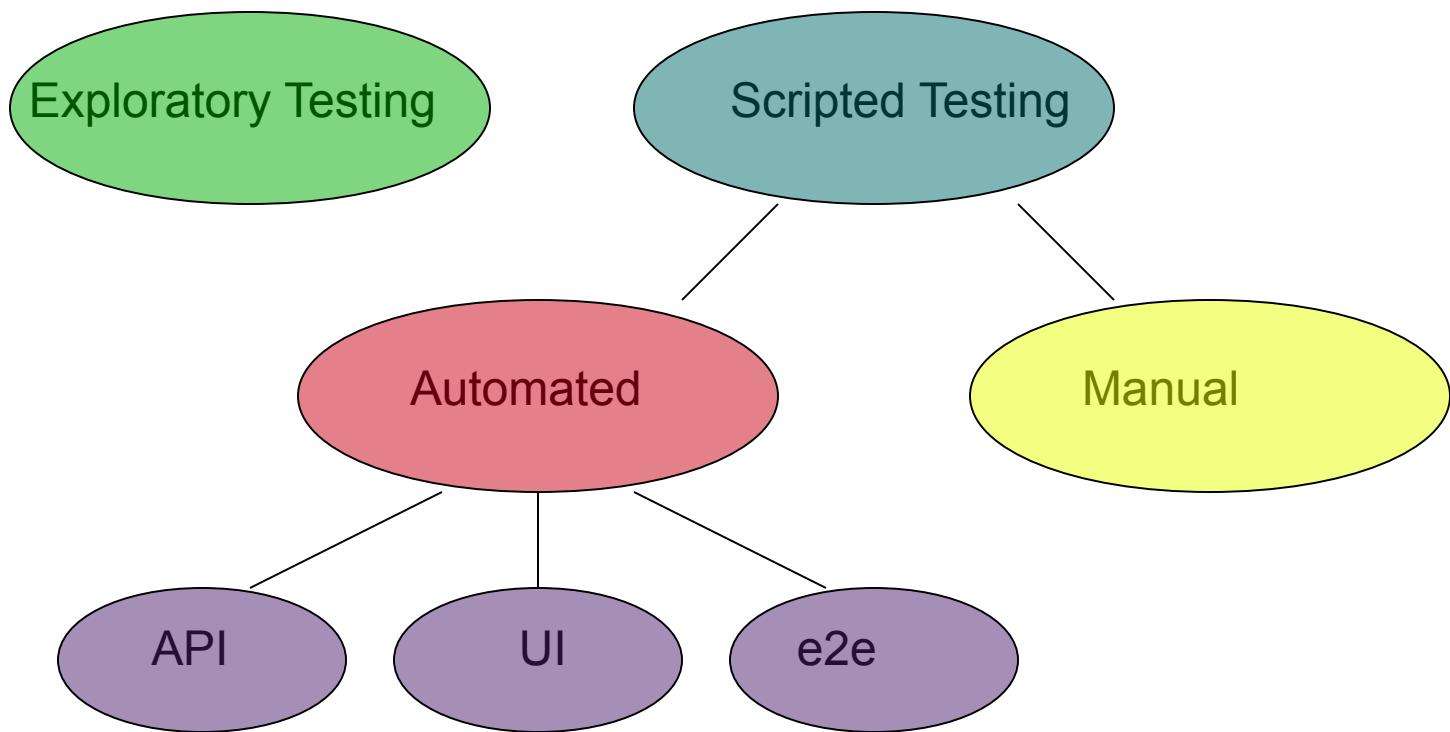


FIRST EMPLOYMENT		
START DATE	TODAY IS	15.8.2011
DATE	RESULT	
15.8.2001	OK	
1.1.1960	OK	
31.12.1959	NOK	
31.10.2011	OK	
1.11.2011	NOK	

CHECK FORMATS!

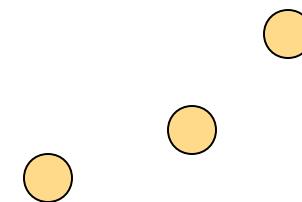


Different Testing Approaches





Things to Consider



Testing Tasks

TEST CASE
DESIGN
→ TEST CASES
READY FOR
AUTOMATION

EXPLORATORY
TESTING
WITH BUSINESS
OWNER

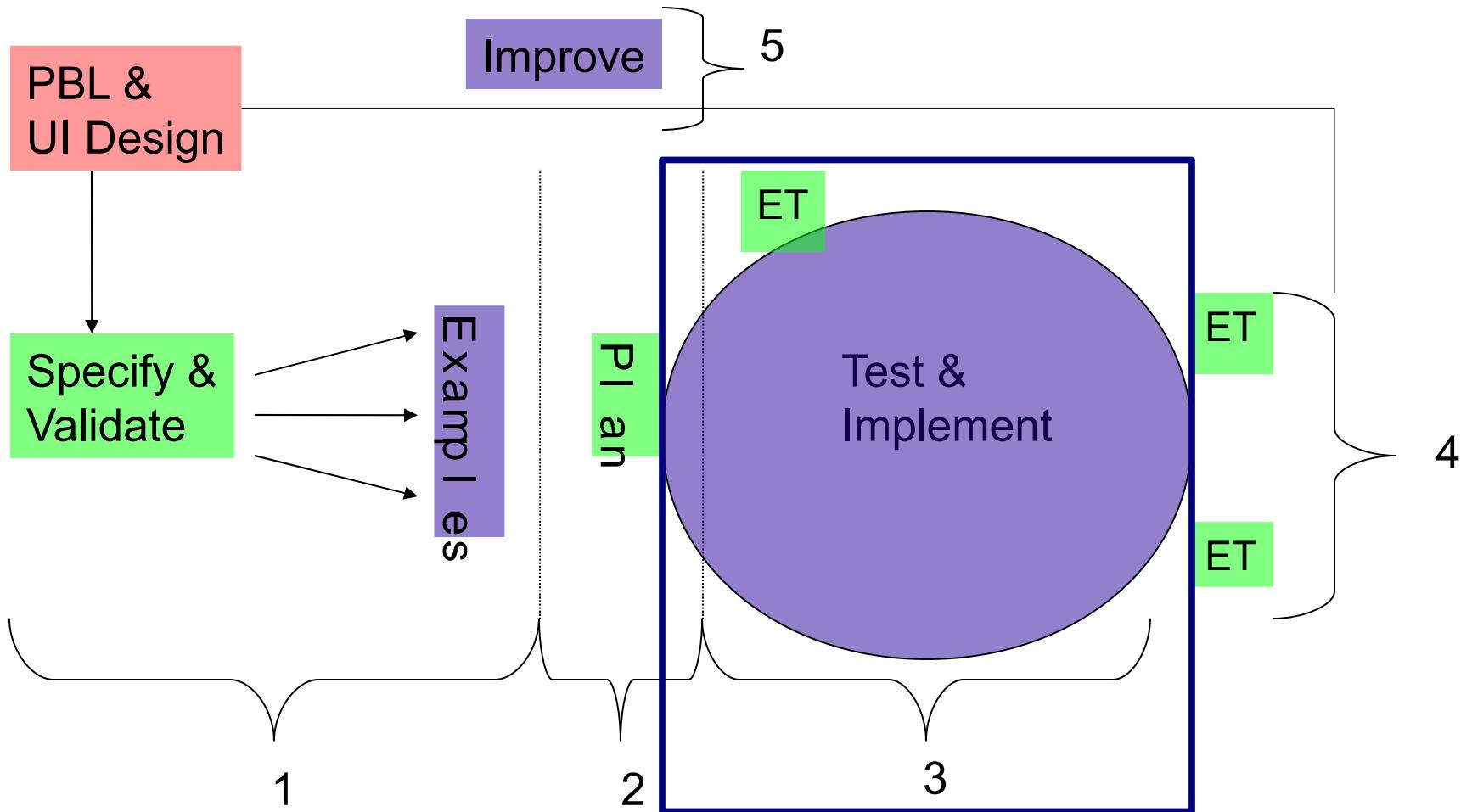
IMPLEMENT
FEEDBACK
TESTS
(UI) LEVEL

IMPLEMENT
BASIC FLOW TEST

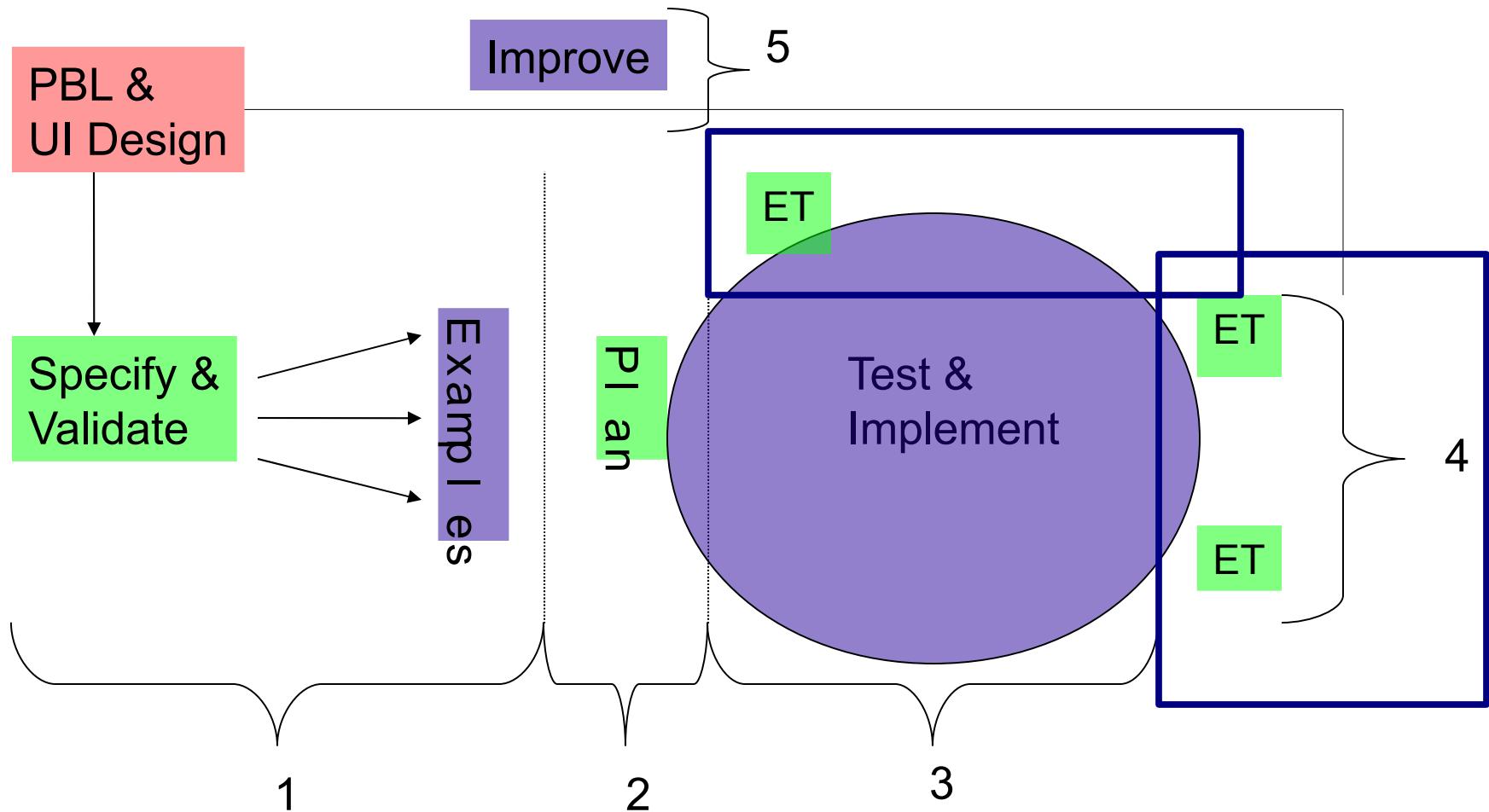
E2E

IMPLEMENT
1ST EMPLOYMENT
START DATE
TESTS
(API) LEVEL

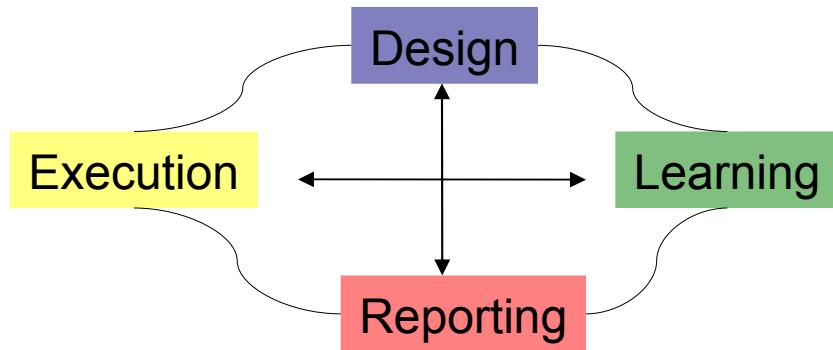
IMPLEMENT
SALARY RULES
TESTS
(API) LEVEL



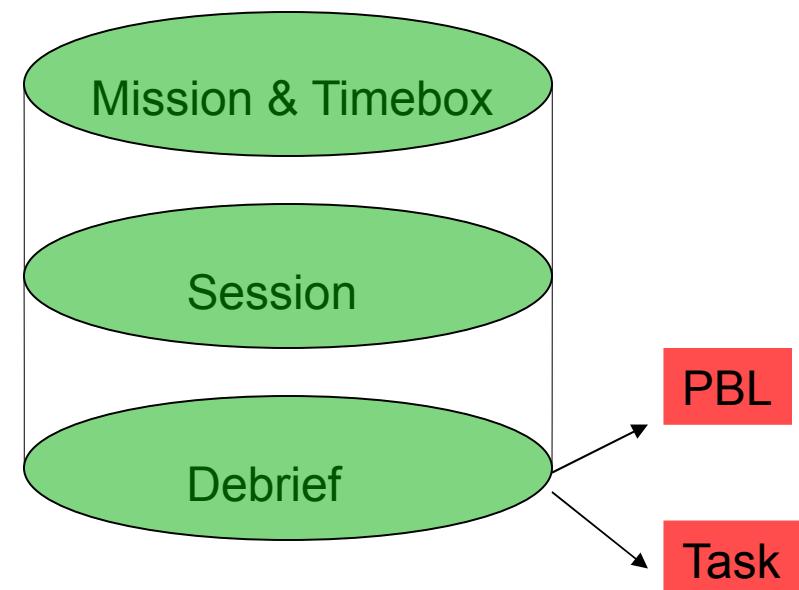
Demo



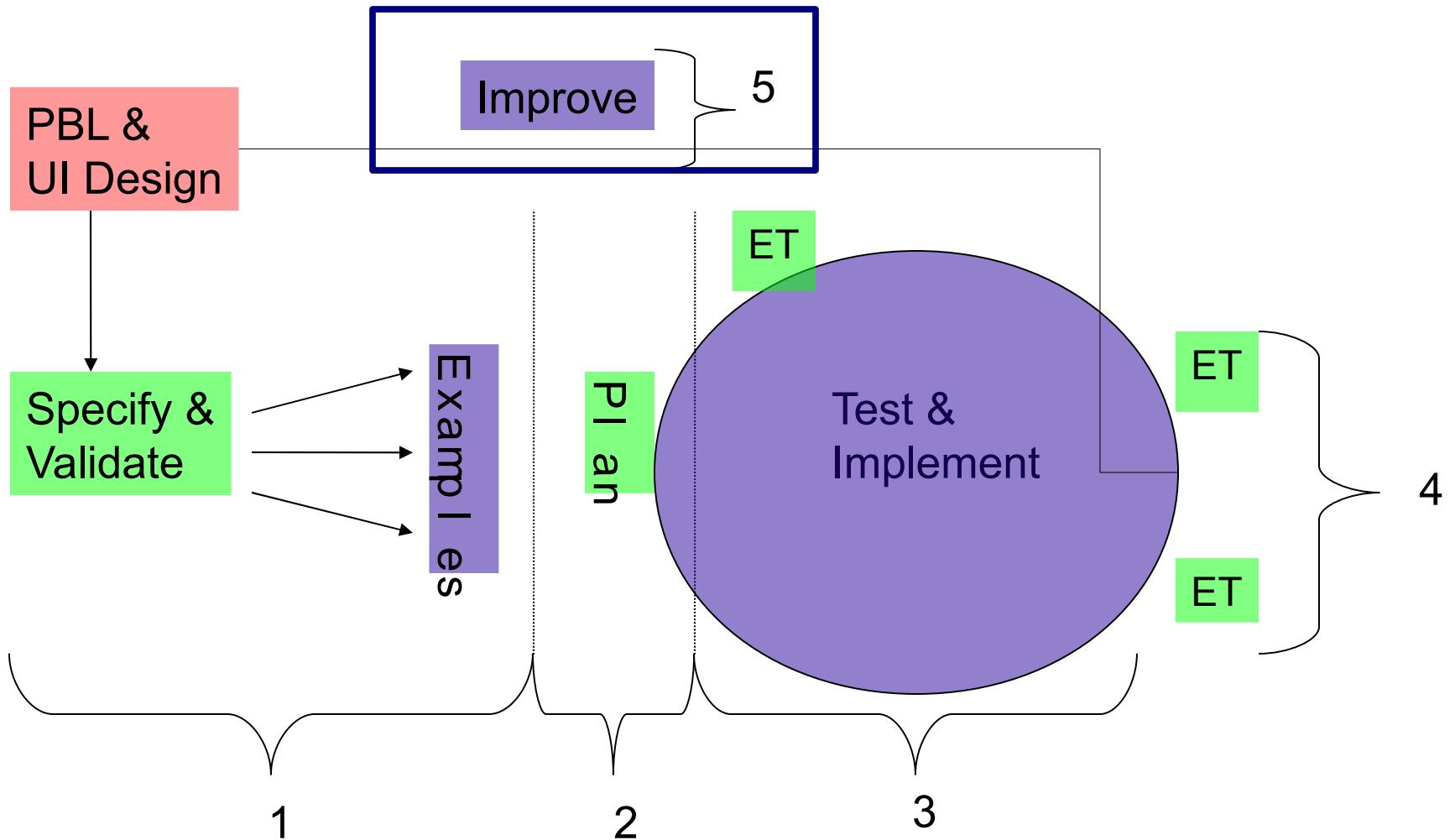
Exploratory testing



Session-Based Test Management



Demo



Improve

NO DEFAULT VALUES

DISCUSS
THESE IN
ATDD WORK-
SHOP

Feedback
to UI
Designers

+ NO INDICATION WHICH
INPUTS ARE OBLIGATORY
(SAME APPLIES)

IMPLEMENT
UI FIRST
→ GET ~~SO~~ ON
UI RIGHT AWAY

IF YOU LEAVE DECLARATION
METHOD EMPTY, THERE IS NO
RESPONSE

AUTOMATED
TEST MISSING!
NEED TO ADD
IMMEDIATELY!

CODE
REVIEW

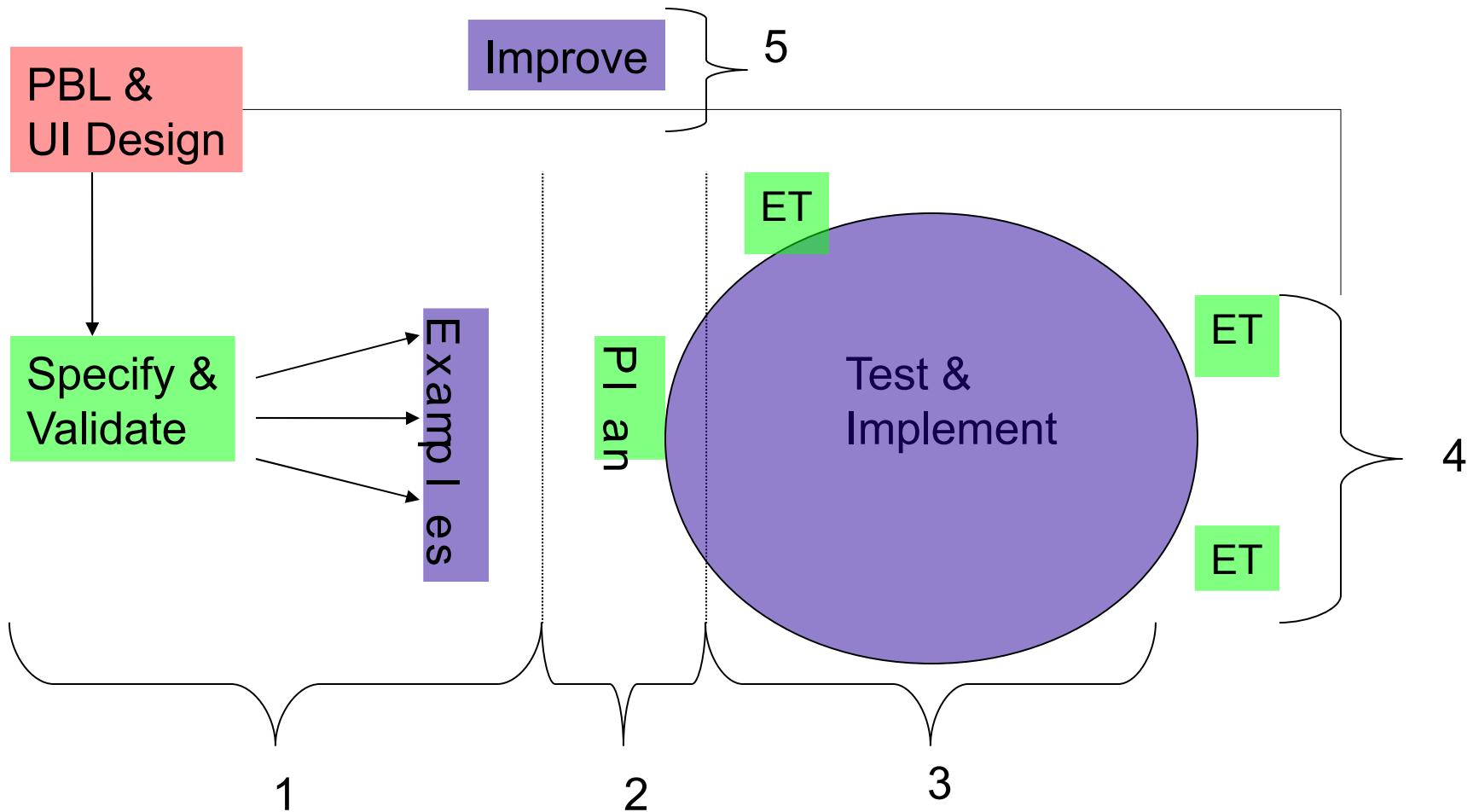
TEST CASE
REVIEW

SPELLING MISTAKE IN
ERROR MESSAGE

WORKING
AGREEMENT:
USE SPELL
CHECKER

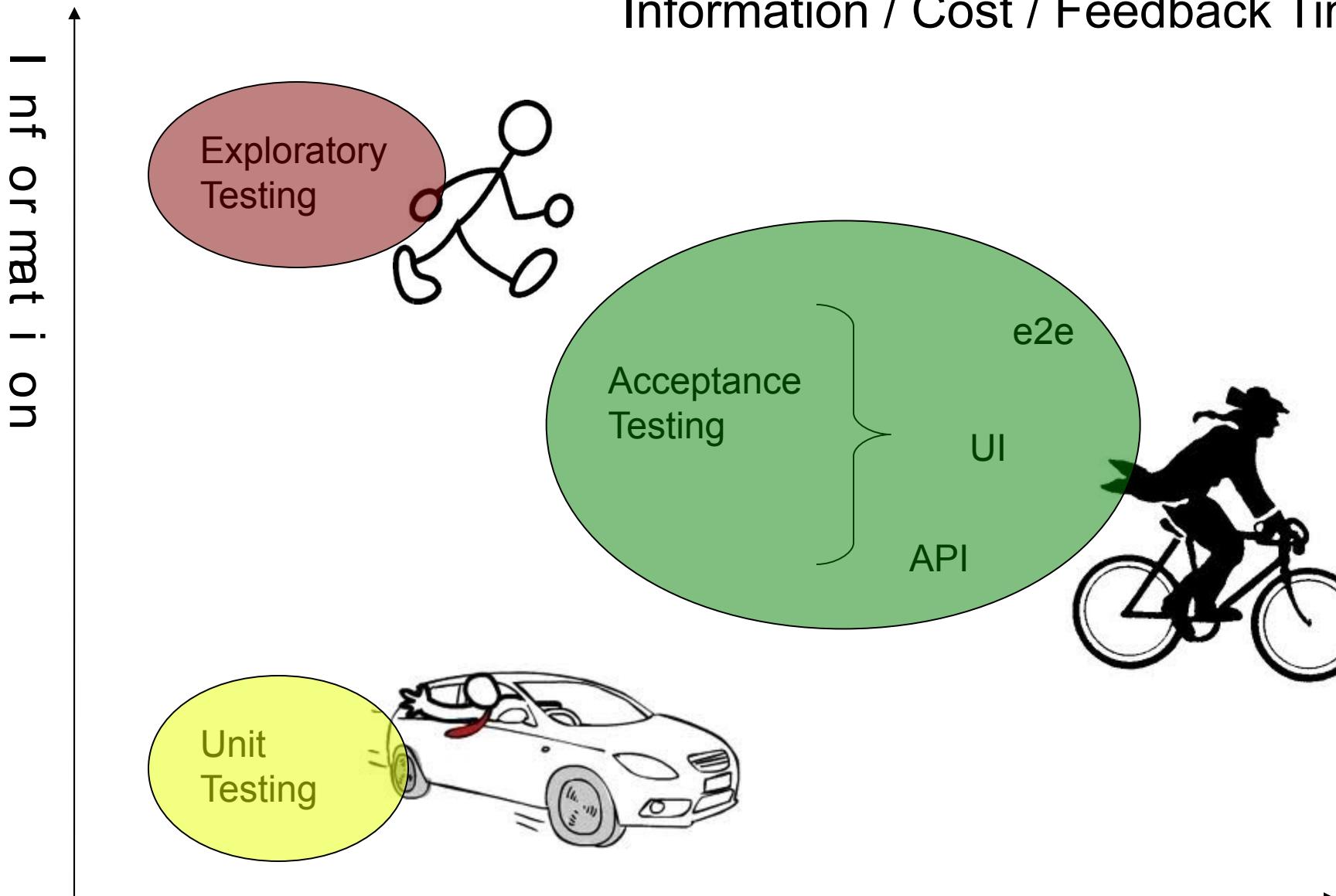
AUTOMATED UI
TEST FOR
TEXTS X

NOT FEASIBLE,
WON'T IMPLEMENT



Information / Cost / Feedback Time

Information



Cost



Thank you!

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