PCM回顾

微软团队开发环境之每日构造

- 每日构造解决的问题
  - 客户突然访问/领导临时察看工作
  - 产品偏离客户的期望
  - 项目经理/成员不了解整体进度
  - 测试人员无法编译源代码
  - 模块/子系统集成失败
  - 错误没有及时发现
- 每日构造的意义
  - 统一的视图
  - 展示最新进展
  - 测试的基础
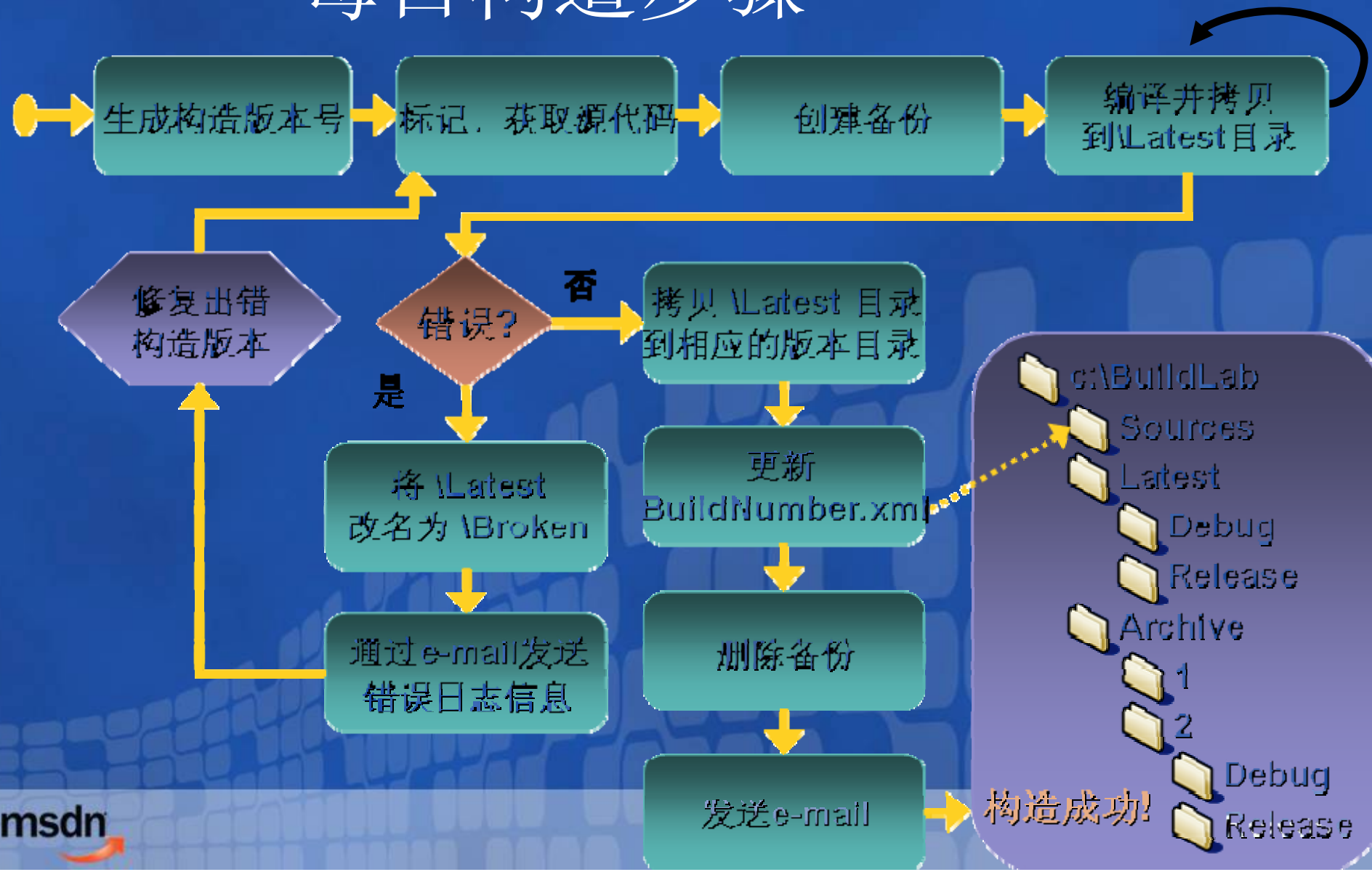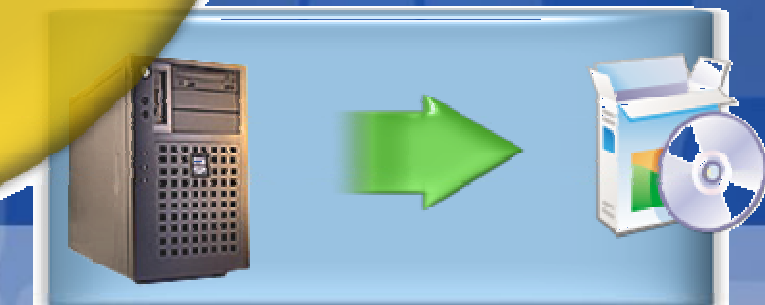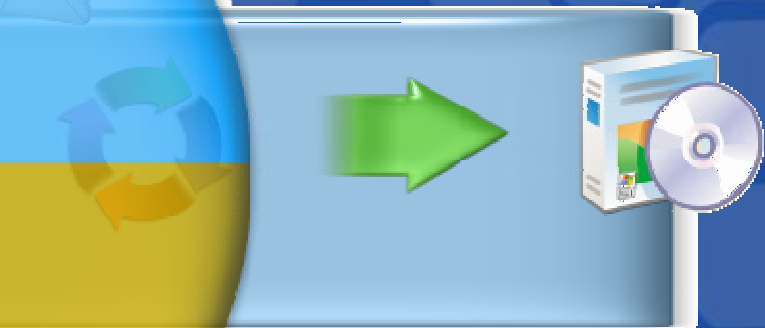
Rainbow Team Build Schedule *June 04*

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
May 31	June 1	2	3	4	5	6
	Build 2241	Build 2242	Build 2243	Build 2244 Build 2244.1	Build 2245	
7	8	9	10	11	12	13
	Build 2246	Build 2247	Build 2248	Build 2249	Build 2250	
14	15	16	17	18	19	20
	Build 2251	Build 2252	Build 2253	Build 2254	Build 2255	
21	22	23	24	25	26	27
	Build 2256	Build 2257	Build 2258	Build 2259	Build 2260	
28	29	30	July 1	2	3	4
	Build 2261				手工**Build**	

微软团队开发环境之
Bug 管理

- 对每一个Bug进行跟踪，避免遗漏
- 对产品质量的进展进行有效的跟踪
- 量化产品的质量和开发团队成员的绩效，便于有效的管理
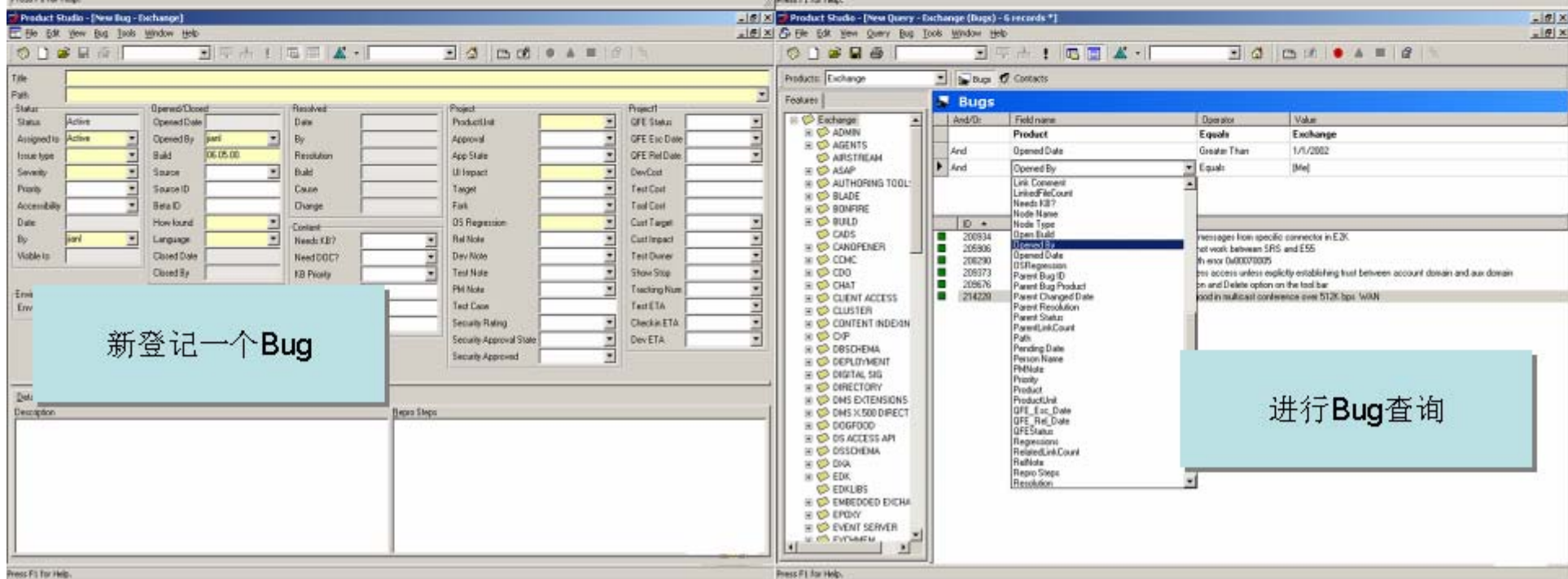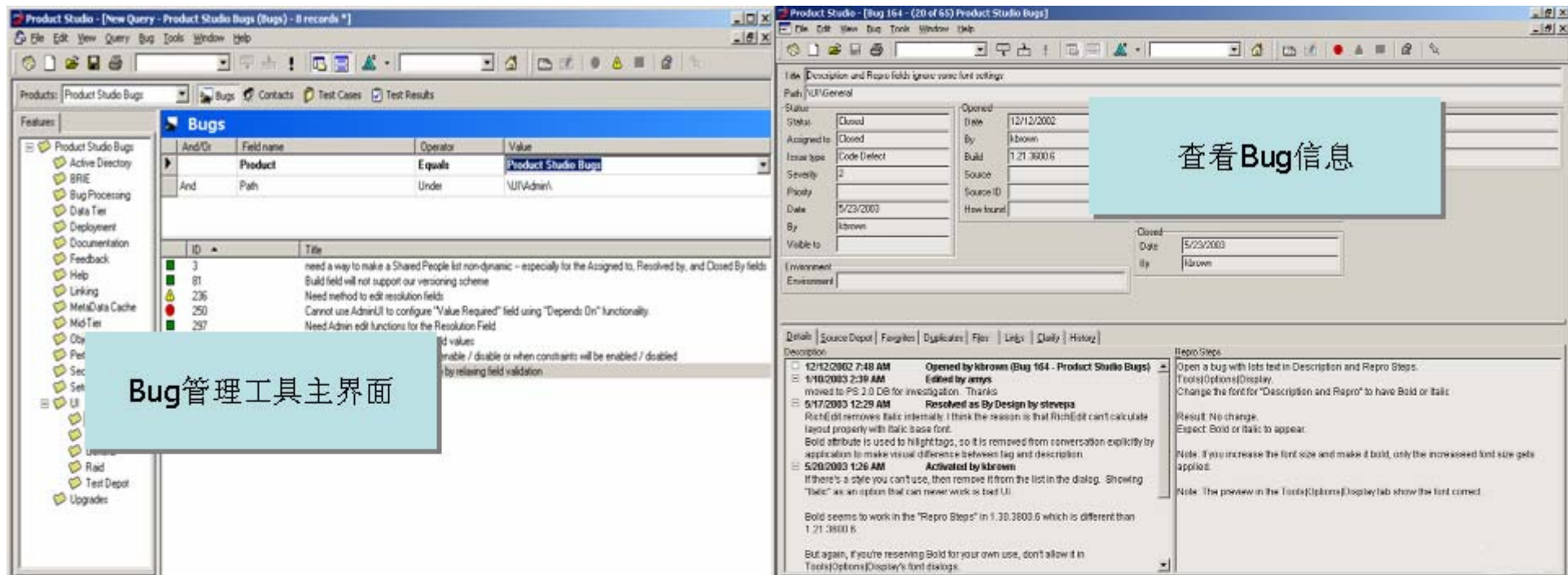
查看Bug信息

Bug管理工具主界面

新登记一个Bug

进行Bug查询
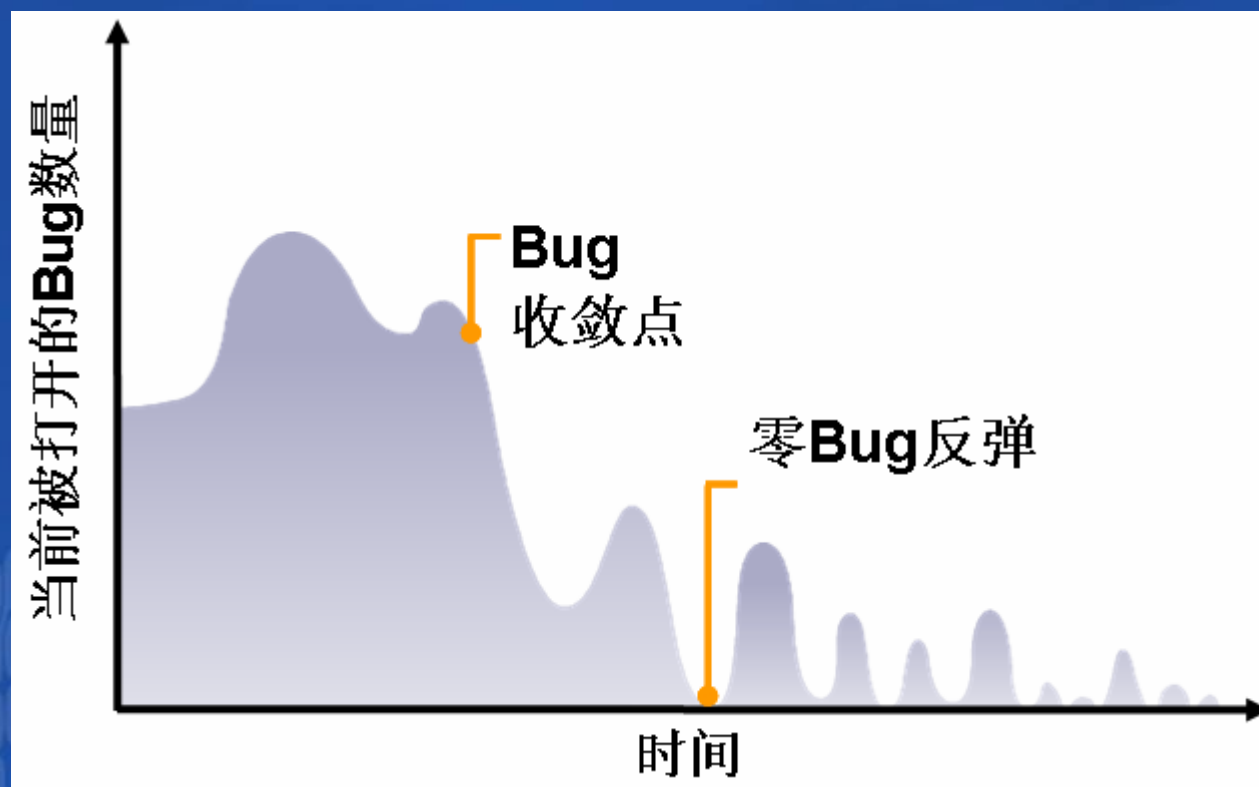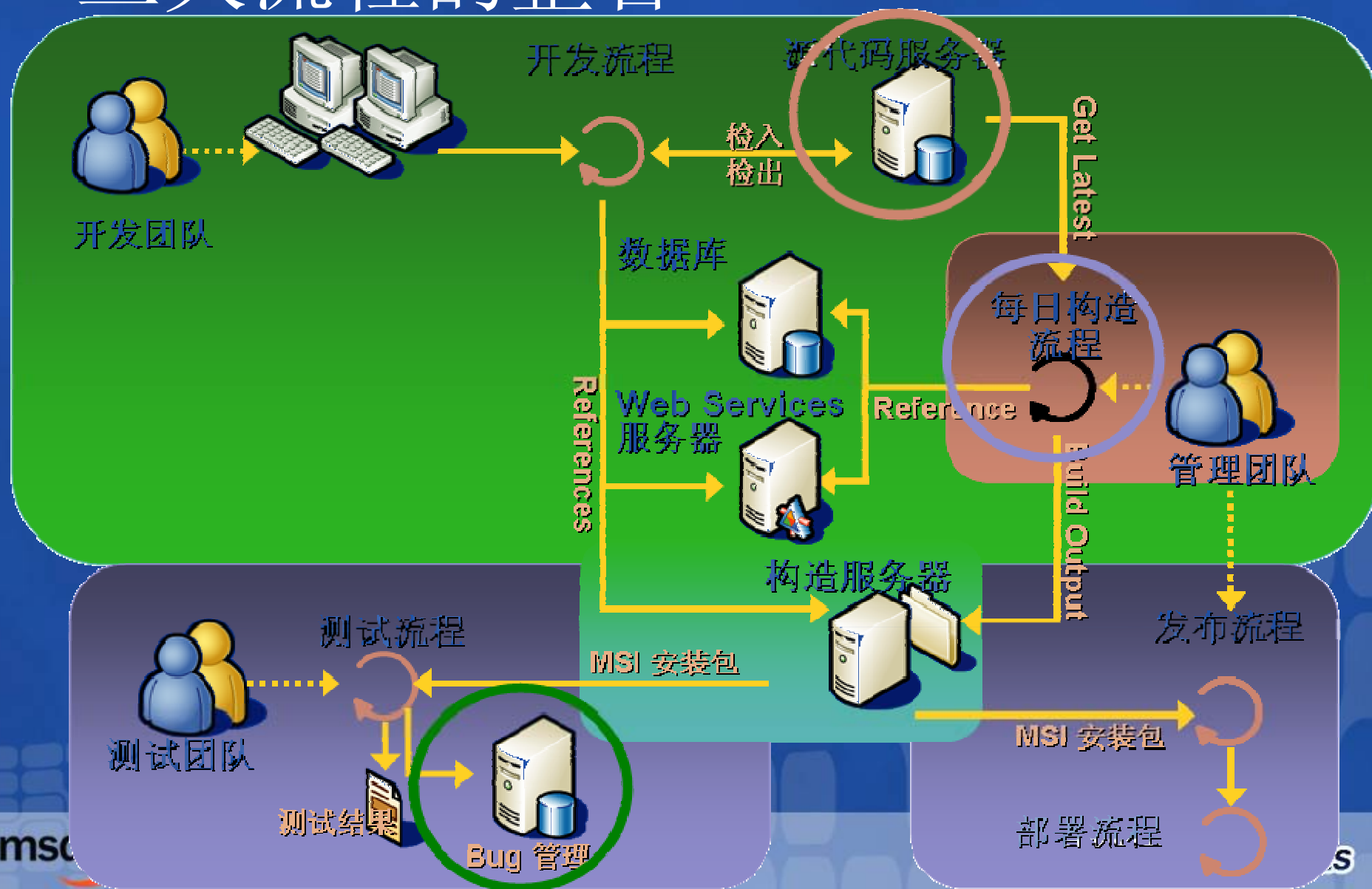
开发人员的一天从哪里开始？

- 答案：开发人员的一天从Daily Build开始
- 开发人员上班的第一件事儿就是查看Daily Build的结果，担心由于自己昨天的代码Check-in，造成Build Broken

Rainbow Build: 2261 has been build SUCCESSFULLY and PASSED BVT tests - Message (Rich Text)

File   Edit   View   Insert   Format   Tools   Actions   Table   Help

Type a question for help   ▾ ✗

From: Rainbow Build Automation   Sent: Tue 6/29/2004 4:22 AM
To: Raibow Project Team All Members
Cc:
Subject: Rainbow Build: 2261 has been build SUCCESSFULLY and PASSED BVT tests

Build Quick Status

Rainbow Build **2261** has been build SUCCESSFULLY and PASSED the BVT tests.

Drop Location

Build Information
Build No.   2261
Build Started   06/29/2004 04:00 AM
Build Finished   06/29/2004 04:20 AM
Build Result   Passed
Location   \\rainbow02\build\drops\2261\
MSI Tested   \\rainbow02\build\drops\2261\distrib\retail\RainbowInstaller.msi
Other Comments

Summary Results

Summary of BVT Tests
No. of Test Cases Executed   4
No. of Test Cases Passed   4
No. of Test Cases Failed   0

For Detailed Results, visit:
http://rainbowteam/build/BVT/Default.aspx

Detailed Results URL

Thank you,
Rainbow Test Team

This is an automated Daily Build message generated from an unmonitored alias.
DO NOT REPLY to this alias.
For Further information on results, please contact Rainbow Test Team.
For Build Information, please contact Rainbow Build Distribution.

经历对Build的提心吊胆之后，第一件事做什么？

- 答案：打开Bug管理工具，查看指定给自己的Bug，解决高优先度的Bug。因为质量重于新功能

[Daily Report] Daily Report from Steven - Message (Rich Text)

File   Edit   View   Insert   Format   Tools   Actions   Table   Help

Type a question for help

From: Steven Huang

Sent: Tue 6/29/2004 6:15 PM

To: Rainbow Dev Team; Rainbow Test Team; Rainbow PM Team

Cc:

Subject: [Daily Report] Daily Report from Steven

Highlights

[Highlights]

1.   Fix 6 bugs
2.   Finish status panel, openedby panel, resolvedby panel, closedby panel, project panel, environment panel in Rainbow operation page
3.   Add validations in Rainbow operation page
4.   Work together with Daniel on UI update

Lowlights

[Lowlights]

1.   Aging Bug 383 unchanged for 15 days

[To Do Next]

1.   Add duplicate and dependent rules
2.   Work on description field
3.   Add save and load query condition functions
4.   Keep on bug fixing

To Do Next

Bugs Fixed Today:

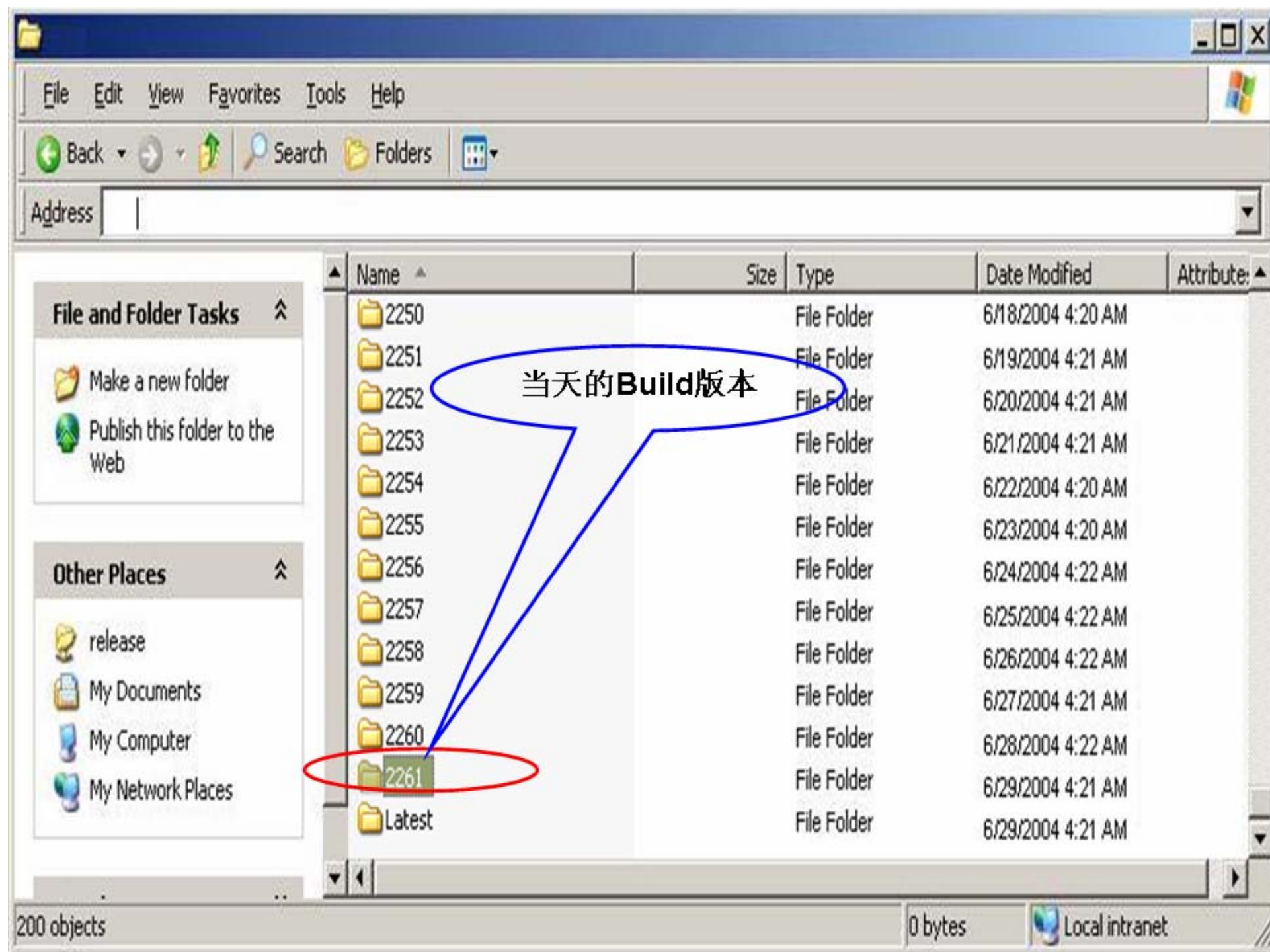| Bug ID	Resolved By	Opened By	Title
354	Steven	Jason	[Rainbow operation] no hightlight of the required field
375	Steven	Jason	[Rainbow query] Query operator

测试人员第一件事做什么？
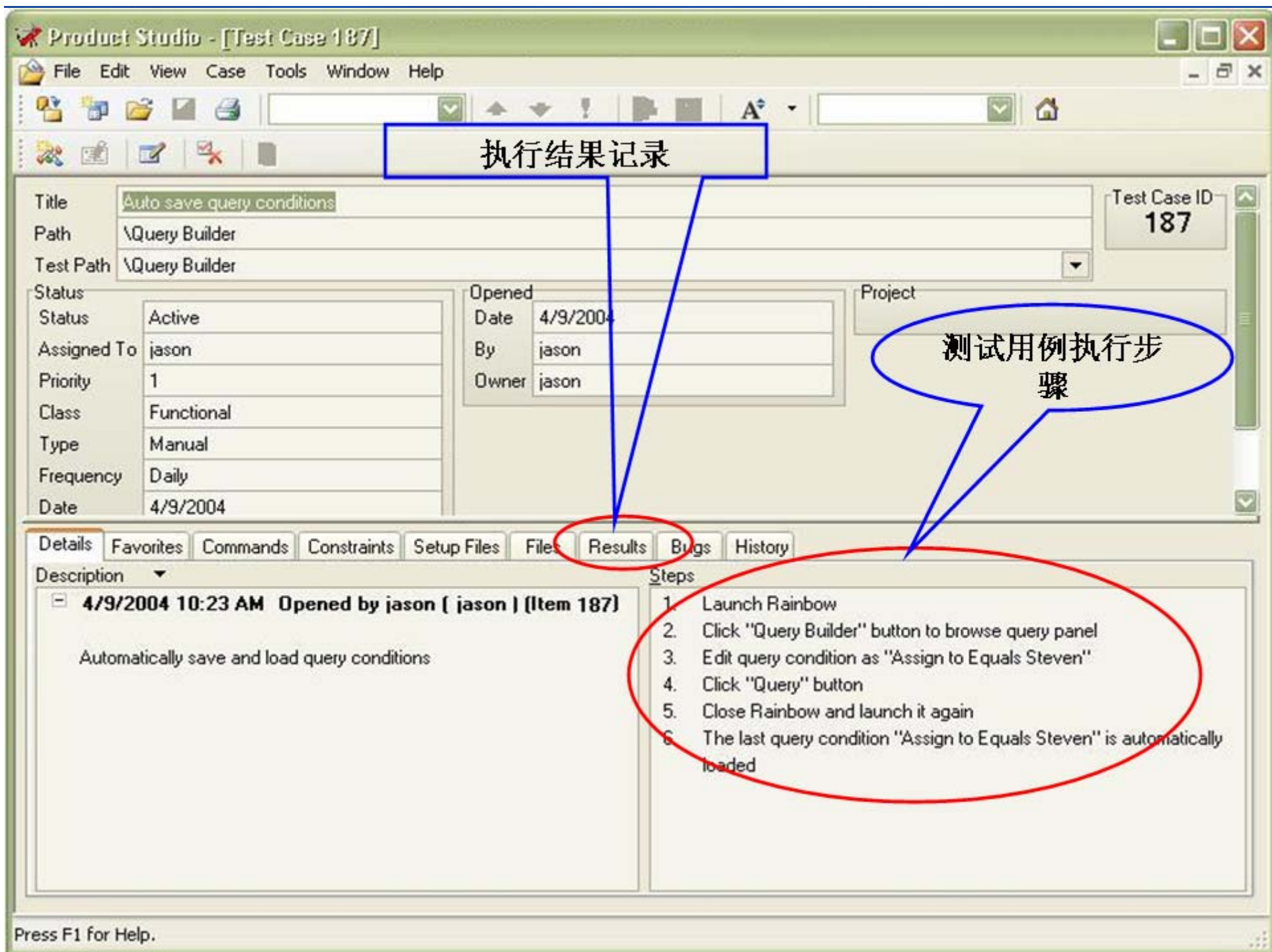
- 答案：打开Bug管理工具，查看指定给自己的Bug，验证已解决的Bug

接下来，测试人员会...

- 从发布服务器上取得当天的Build版本，根据测试用例检验当天的Build
- 在Bug管理工具中登记新发现的Bug，等待开发人员解决

Product Studio - [Test Case 187]

File　Edit　View　Case　Tools　Window　Help

执行结果记录

测试用例执行步骤

Title	Auto save query conditions		Test Case ID
Path	\Query Builder		**187**
Test Path	\Query Builder		

Status

Status	Active
Assigned To	jason
Priority	1
Class	Functional
Type	Manual
Frequency	Daily
Date	4/9/2004

Opened

Date	4/9/2004
By	jason
Owner	jason

Project

Details　Favorites　Commands　Constraints　Setup Files　Files　Results　Bugs　History

Description ▼

☐ **4/9/2004 10:23 AM　Opened by jason (jason) (Item 187)**

Automatically save and load query conditions

Steps

1.　Launch Rainbow
2.　Click "Query Builder" button to browse query panel
3.　Edit query condition as "Assign to Equals Steven"
4.　Click "Query" button
5.　Close Rainbow and launch it again
6.　The last query condition "Assign to Equals Steven" is automatically loaded

Press F1 for Help.

Bug & Test Status Weekly Report - Message (Rich Text)
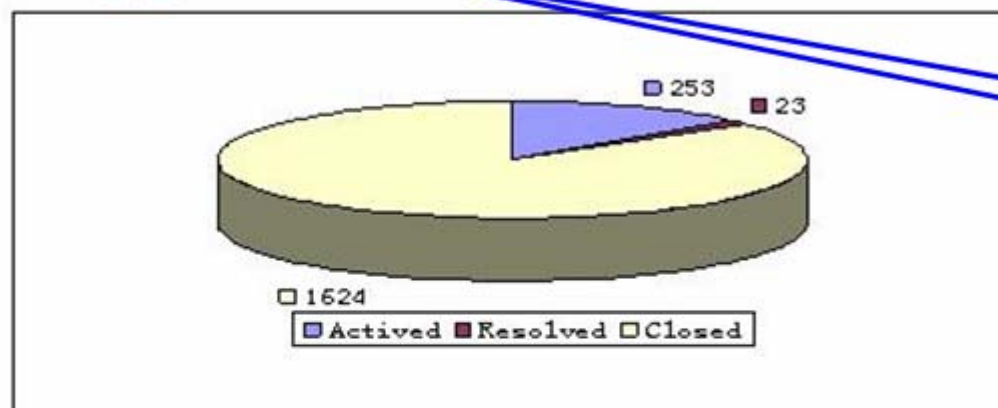
File Edit View Insert Format Tools Actions Table Help   Type a question for help

From: Jason Wang   Sent: Fri 7/2/2004 7:14 PM

Bug Status:

253   23

1624
Actived Resolved Closed

Bug状况及趋势

Bug Trends:

	Current Week	Prior Week
Active Bugs	253	260
Opened Weekly	103	140
Resolved Weekly	120	115
Closed Weekly	114	121

测试用例执行
结果

Test Coverage:

Test Pass:	1498
New test cases added this week:	157
Total test cases for project:	2305
Percent Passing:	65%

Test Case Status	# Pass	# Fail	# Ignored
[Rainbow Operation]	822	73	287

程序经理的工作

- 主持Bug专家会诊
- 更新项目的计划、日程表、产品规格书、风险控制列表
- 发送Status Report
- ....

PM is the communication hub!

程序经理的工作

- 主持Bug专家会诊
- 更新项目的计划、日程表、产品规格书、风险控制列表
- 提交Status Report

您的潜力，我们的动力

Microsoft®
微软(中国)有限公司

msdn

MSDN Webcasts

程序经理的工作

- 主持Bug专家会诊
- 更新项目的计划、日程表、产品规格书、风险控制列表
- 提交Status Report

参考资源

您的潜力，我们的动力

Microsoft®
微软(中国)有限公司

济南:http://qilusoft.org/qtec

上海: http://www.chinaitclub.org/

北京:http://bjnc.cnblogs.com

南京: http://www.bypro.net

青岛: http://www.qddn.net

msdn

MSDN Webcasts