

Este documento não tem a pretensão de ser um documento oficial e tampouco para utilização comercial. Aqui será descrito o passo a passo da importação de Casos de Teste, utilizando xml, para o TestLink, ferramenta open source, utilizando planilhas disponibilizadas pela comunidade e pelo próprio TestLink.

Este documento está disponível em

https://github.com/gilsouza/Docs/TestLink/Importacao_CasoDeTeste.pdf

O processo de importação descrito aqui foi executado usando a versão 1.9.14 do TestLink.

As planilhas usadas neste passo a passo, estão no mesmo pacote .zip onde este documento foi disponibilizado.

Premissas

Para o teste de importação, aqui descrito, as seguintes condições foram estabelecidas:

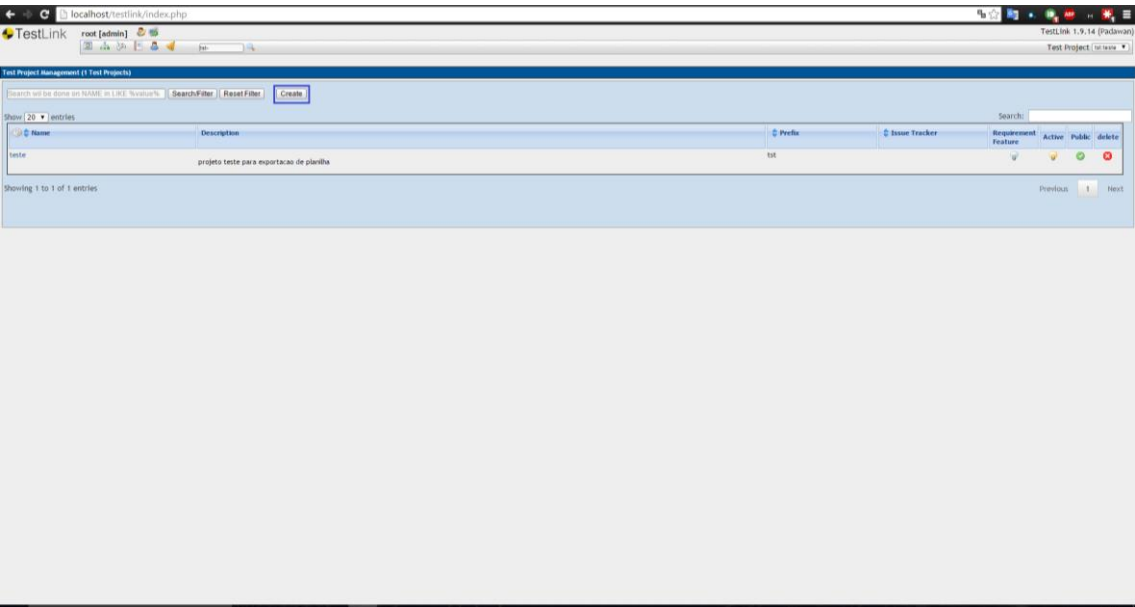
- TestLink funcional e sem modificações.
(Podem haver modificações, porém, os testes foram realizados sem modificações)
- Usuário disponível deve ter acesso à área de Test Specification e ter permissão para criação e edição de Caso de Testes.
- Deve haver um projeto ativo e ao menos um Test Plan, também ativo.

Criação de Projeto (Opcional, caso exista)

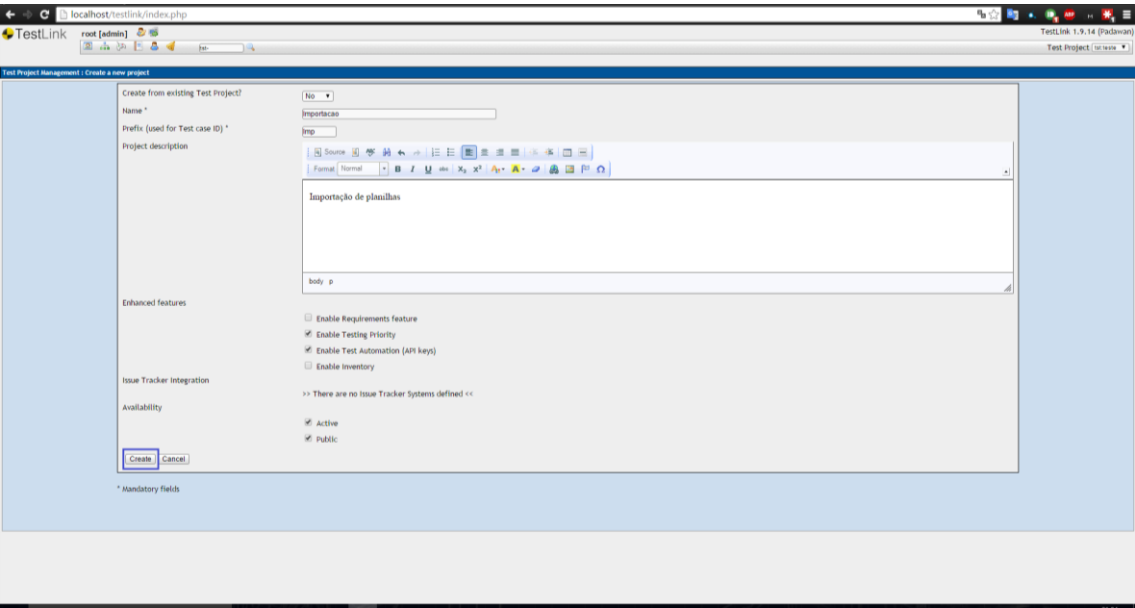
Na tela inicial do TestLink clique em Test Project Management



Criaremos um novo projeto



Salve o novo projeto



Na tela inicial, selecione o projeto criado.



A tela inicial do projeto recém-criado será semelhante a esta.

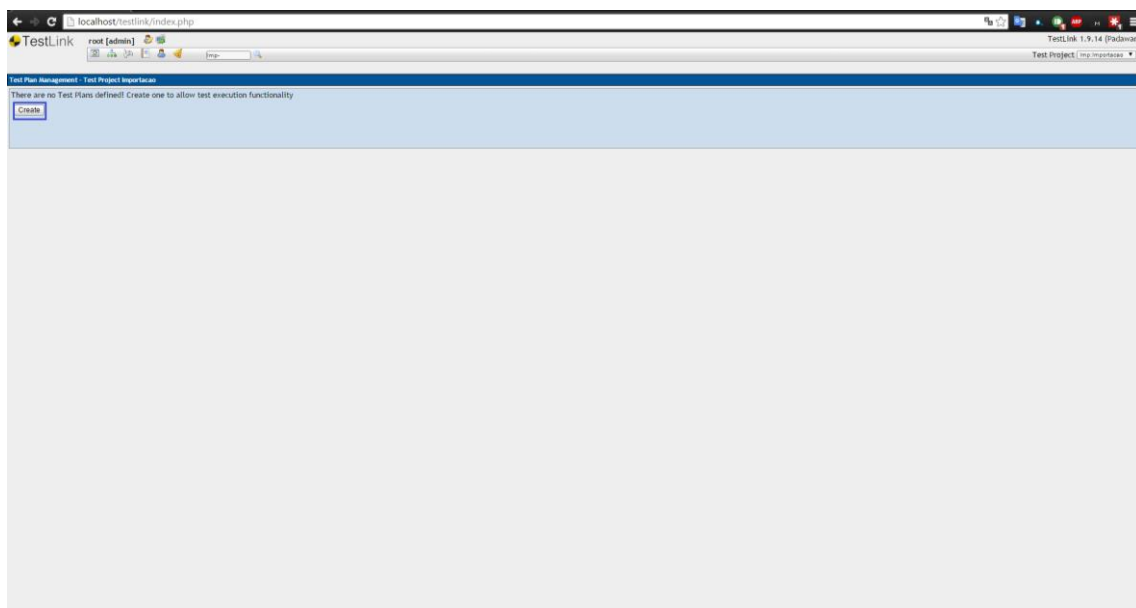


Criação de Test Plan (Opcional, caso exista)

Clique em Test Plan Management



Clique em create



Após preencher e selecionar corretamente todos os campos, clique novamente em create.

The screenshot shows the 'Test Project Importation' form in TestLink. The 'Name' field is filled with 'Importação'. The 'Description' field contains 'Test Plan de importação'. The 'Active' checkbox is checked. The 'Public' checkbox is also checked. At the bottom, there are 'Create' and 'Cancel' buttons. A small text block at the bottom explains that test plans should encompass a set of clearly defined tasks with a timeframe and content, and that they can be created for everything from simple change requests to new product versions.

Tenha certeza de que o Test Plan correto está selecionado.

The screenshot shows the main TestLink interface with the 'Test Project' tab selected. On the left, there is a sidebar with navigation links for 'System', 'Test Project', and 'Test Specification'. The main area displays the 'Current Test Plan' as 'Importação'. Below this, there are sections for 'Test Plan' (with links to 'Test Plan Management', 'Risks / Releases', and 'Milestone Overview'), 'Test Execution' (with links to 'Execute Tests', 'Test Cases Assigned to Me', 'Test Reports and Metrics', and 'Metrics Dashboard'), and 'Test Plan contents' (with links to 'Add / Remove Platforms', 'Add / Remove Test Cases', 'Assign Test Case Execution', 'Set Urgent Tests', 'Update Linked Test Case Versions', and 'Show Test Cases Newest Versions').

Importação de Caso de Teste 1

Para este exemplo usaremos a planilha “TestCase_XLSTOXML_original.xls”

Para o uso da planilha é necessário que a edição e o uso de macros estejam habilitados. Habilite-os caso seja solicitado.

A planilha já está preenchida com um exemplo. Note que existe uma estrutura básica que deve ser seguida ao ser preenchida.

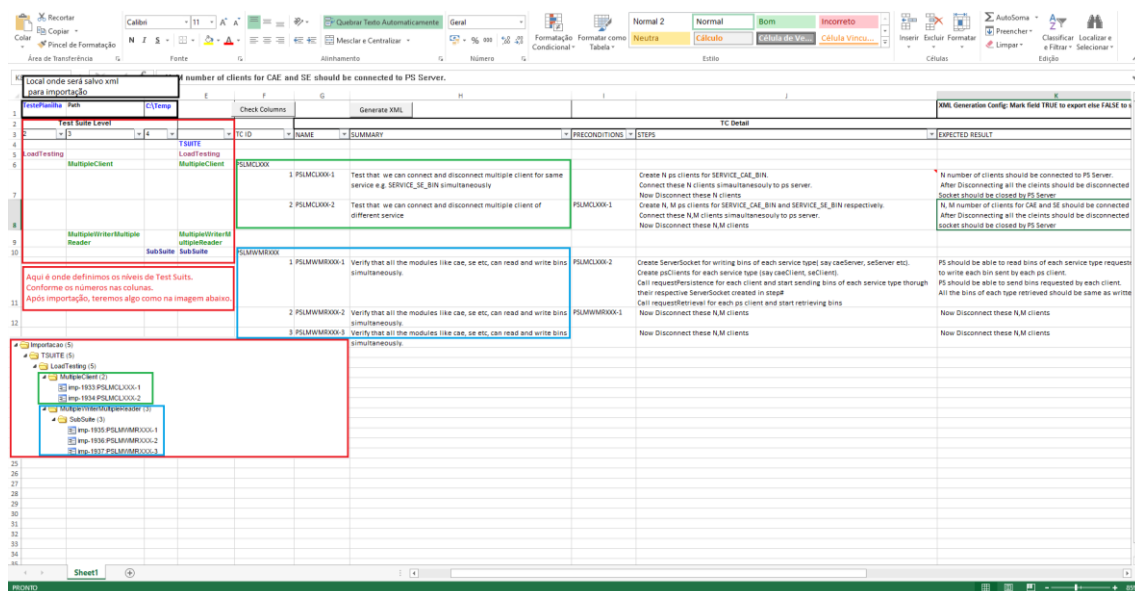
A planilha

A planilha “TestCase_XLSTOXML_original.xls” por padrão, está configurada para salvar o arquivo xml, que será gerado ao clicar no botão “Generate XML”, em C:\Temp. **Tenha certeza de ter permissão para criar o arquivo e de que a pasta exista, caso contrário altere o destino.**

A planilha pode ser configurada para usar níveis de hierarquia em suas Suítes de Teste, conforme área destaca em vermelho.

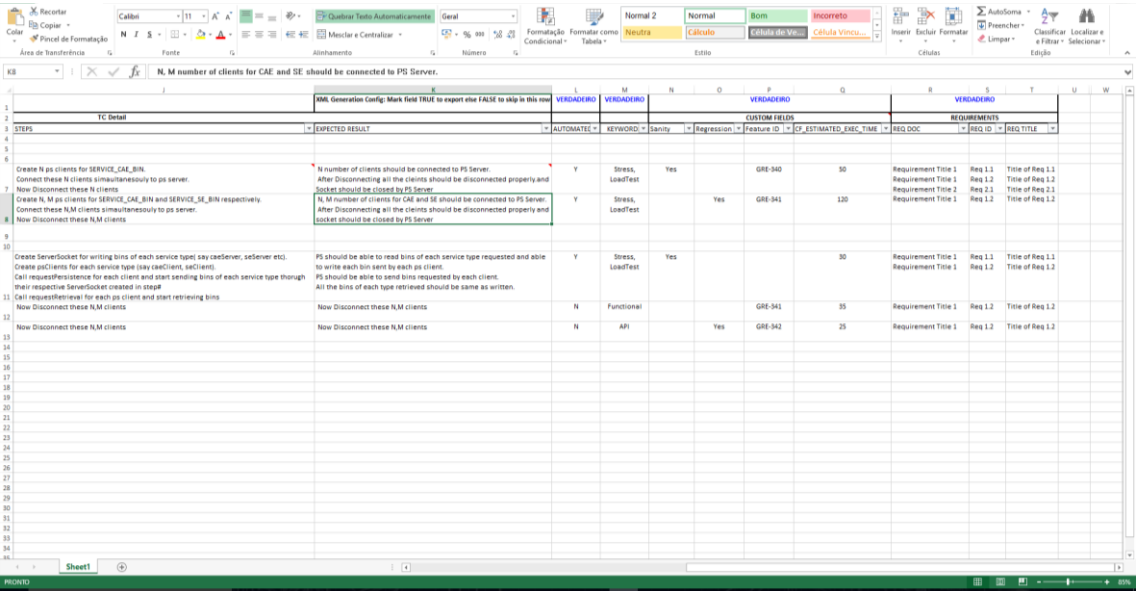
Ainda obedecendo os níveis de hierarquia, as definições dos casos de teste, como seus nomes, pré-condições e passos, seguem o mesmo padrão.

Os passos são definidos usando quebra de linha, como pode ser observado na imagem abaixo.



As colunas com o valor **VERDADEIRO**, serão usadas para exportação também. Essas podem ter seu valor alterados para **FALSO**, caso não queira usar em sua importação.

Custom Fields e Requirements apresentarão erros mais adiante, como será visto na seção de importação, presente neste documento.



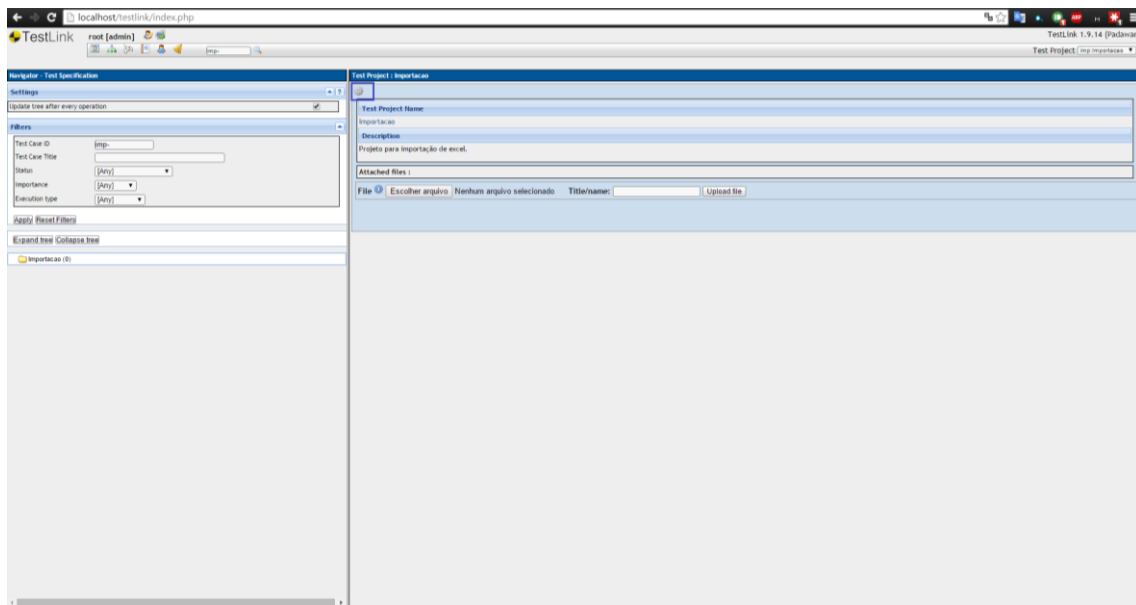
STEPS	EXPECTED RESULT	AUTOMATE	KEYWORD	Sanity	Regression	Feature ID	CF_ESTIMATED_EXEC_TIME	REQ DOC	REQ ID	REQ TITLE
Create N ps clients for SERVICE_CAE_BIN.	N number of clients should be connected to PS Server.	Y	Stress, LoadTest	Yes		GRE-340	30	Requirement Title 1	Req 1.1	Title of Req 1.1
Connect these N clients simultaneously to ps server.	After Disconnecting all the clients should be disconnected properly and socket should be closed by PS Server.	Y	Stress, LoadTest	Yes		GRE-341	120	Requirement Title 2	Req 1.2	Title of Req 1.2
Now Disconnect these N clients	N, N number of clients for CAE and SE should be connected to PS Server. After Disconnecting all the clients should be disconnected properly and socket should be closed by PS Server.	Y	Stress, LoadTest	Yes		GRE-341	120	Requirement Title 1	Req 1.2	Title of Req 1.2
Create N, M ps clients for SERVICE_CAE_BIN and SERVICE_SE_BIN respectively.	N, N number of clients for CAE and SE should be connected to PS Server. After Disconnecting all the clients should be disconnected properly and socket should be closed by PS Server.	Y	Stress, LoadTest	Yes		GRE-341	120	Requirement Title 1	Req 1.2	Title of Req 1.2
Now Disconnect these N,M clients	Now Disconnect these N,M clients	N	API	Yes		GRE-342	25	Requirement Title 1	Req 1.2	Title of Req 1.2

Importando

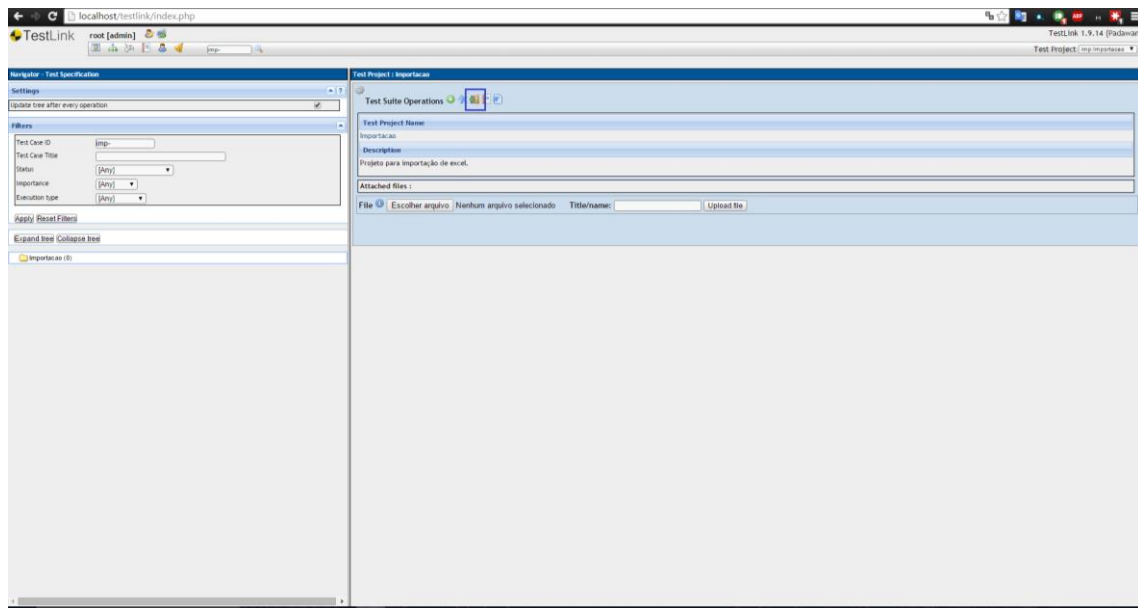
Clique em Test Specification



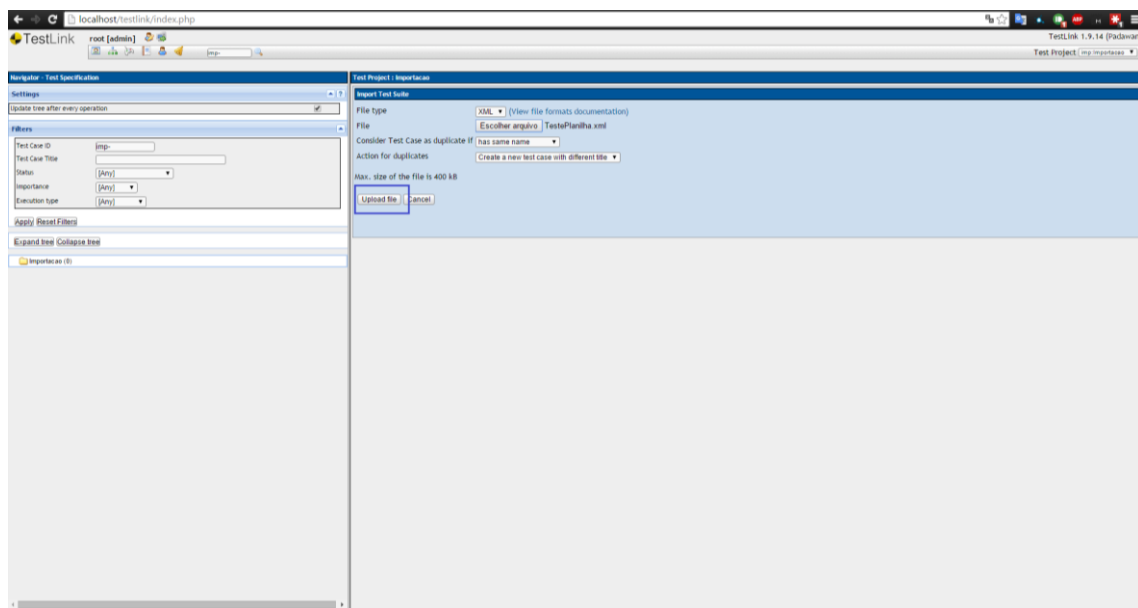
Clique na engrenagem

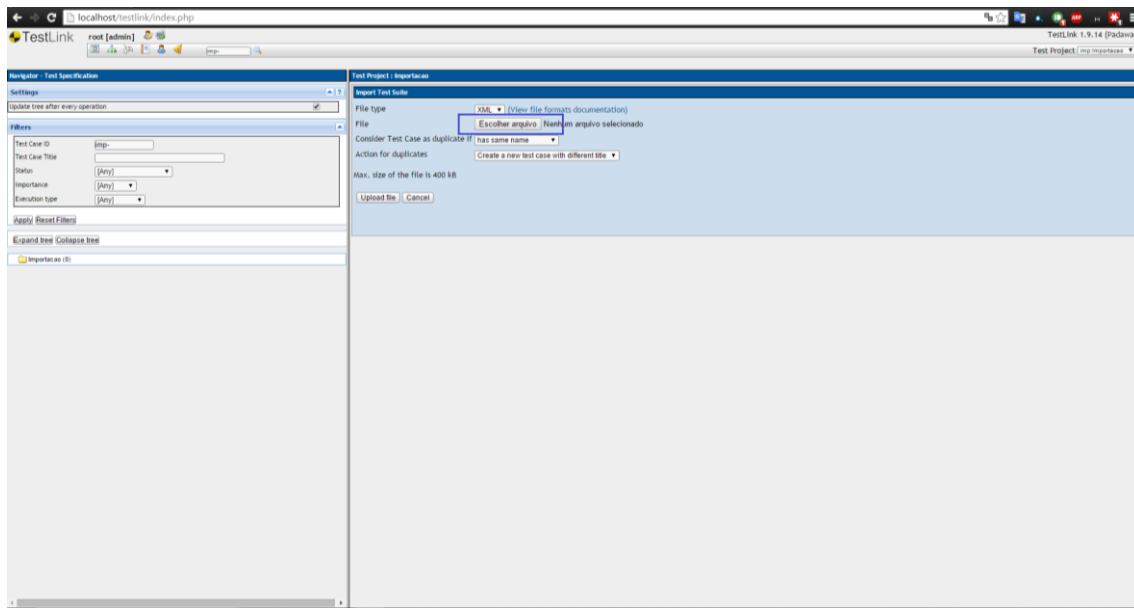


E logo em seguida, em importar



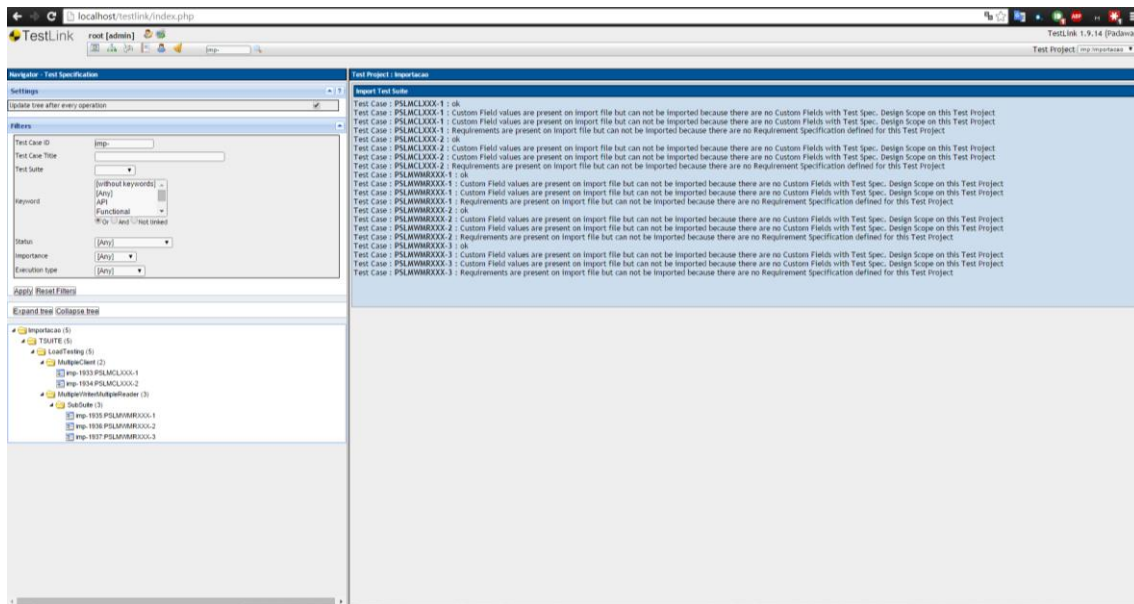
Escolha o arquivo e clique em upload





Após a importação foi apresentada a relação de casos de testes, campos e dependências importadas. Em caso de erro será reportado aqui. Note que para este exemplo os campos customizados e também os requisitos não foram importados, pois não existem neste projeto – conforme mencionado anteriormente.

Assim ficará a árvore de Test Suites e Casos de Teste



Importação de Caso de Teste 2

Para este exemplo usaremos a planilha “02-ImportTestCasesIntoTestLink.xls”.

Esta planilha faz parte do projeto de código aberto

<https://github.com/MrBricodage/TestLink--ImportExcelMacro>

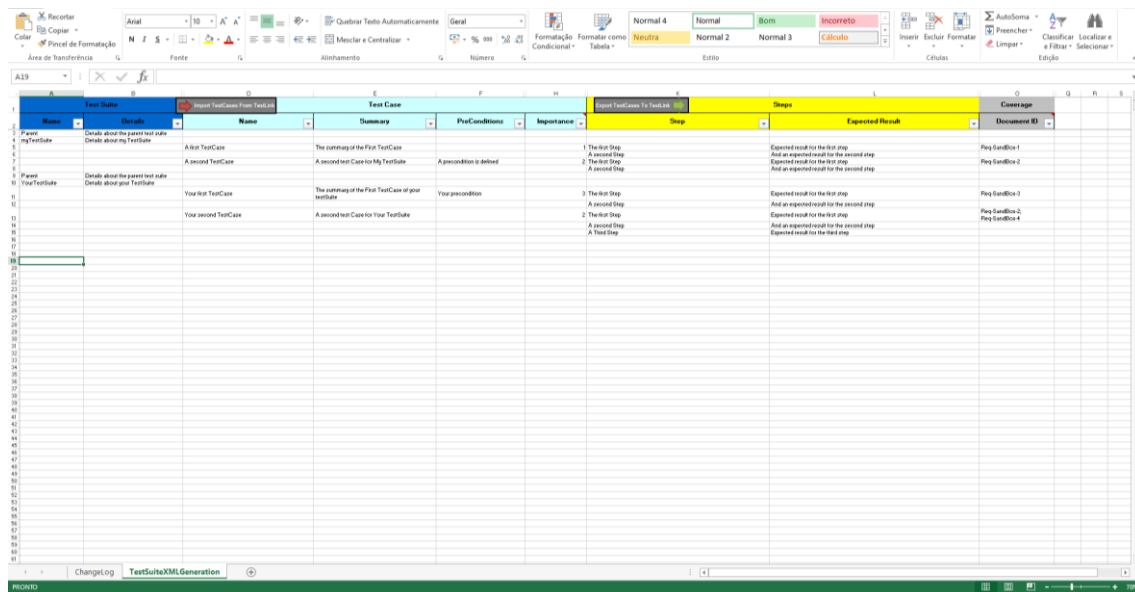
A planilha

A planilha usada neste exemplo é mais simples que a anterior. Porém, sua organização é mais clara, e permite utilizar um xml exportado do testlink para alimenta-lá. Tornando mais fácil uma manutenção por exemplo.

O XML gerado por ele será criado na mesma pasta onde está o xls.

Esta planilha não é capaz de realizar a criação do XML com campos customizados e outros mais como a anterior.

Os níveis de Suíte de Testes neste caso, é definido por sucessão de linhas, conforme imagem abaixo.



Test Suite	Test Case	Steps	Expected Result	Coverage
myTestSuite	A first TestCase	1. The first Step	Expected result for the first step	Play Condition 1
		2. The first Step	And an expected result for the second step	Play Condition 2
		3. The first Step	And an expected result for the third step	Play Condition 3
		4. The first Step	And an expected result for the fourth step	Play Condition 4
		5. The first Step	And an expected result for the fifth step	Play Condition 5
		6. The first Step	And an expected result for the sixth step	Play Condition 6
		7. The first Step	And an expected result for the seventh step	Play Condition 7
		8. The first Step	And an expected result for the eighth step	Play Condition 8
		9. The first Step	And an expected result for the ninth step	Play Condition 9
		10. The first Step	And an expected result for the tenth step	Play Condition 10
		11. The first Step	And an expected result for the eleventh step	Play Condition 11
		12. The first Step	And an expected result for the twelfth step	Play Condition 12
		13. The first Step	And an expected result for the thirteenth step	Play Condition 13
		14. The first Step	And an expected result for the fourteenth step	Play Condition 14
		15. The first Step	And an expected result for the fifteenth step	Play Condition 15
		16. The first Step	And an expected result for the sixteenth step	Play Condition 16
		17. The first Step	And an expected result for the seventeenth step	Play Condition 17
		18. The first Step	And an expected result for the eighteenth step	Play Condition 18
		19. The first Step	And an expected result for the nineteenth step	Play Condition 19
		20. The first Step	And an expected result for the twentieth step	Play Condition 20
		21. The first Step	And an expected result for the twenty-first step	Play Condition 21
		22. The first Step	And an expected result for the twenty-second step	Play Condition 22
		23. The first Step	And an expected result for the twenty-third step	Play Condition 23
		24. The first Step	And an expected result for the twenty-fourth step	Play Condition 24
		25. The first Step	And an expected result for the twenty-fifth step	Play Condition 25
		26. The first Step	And an expected result for the twenty-sixth step	Play Condition 26
		27. The first Step	And an expected result for the twenty-seventh step	Play Condition 27
		28. The first Step	And an expected result for the twenty-eighth step	Play Condition 28
		29. The first Step	And an expected result for the twenty-ninth step	Play Condition 29
		30. The first Step	And an expected result for the thirtieth step	Play Condition 30
		31. The first Step	And an expected result for the thirty-first step	Play Condition 31
		32. The first Step	And an expected result for the thirty-second step	Play Condition 32
		33. The first Step	And an expected result for the thirty-third step	Play Condition 33
		34. The first Step	And an expected result for the thirty-fourth step	Play Condition 34
		35. The first Step	And an expected result for the thirty-fifth step	Play Condition 35
		36. The first Step	And an expected result for the thirty-sixth step	Play Condition 36
		37. The first Step	And an expected result for the thirty-seventh step	Play Condition 37
		38. The first Step	And an expected result for the thirty-eighth step	Play Condition 38
		39. The first Step	And an expected result for the thirty-ninth step	Play Condition 39
		40. The first Step	And an expected result for the fortieth step	Play Condition 40
		41. The first Step	And an expected result for the forty-first step	Play Condition 41
		42. The first Step	And an expected result for the forty-second step	Play Condition 42
		43. The first Step	And an expected result for the forty-third step	Play Condition 43
		44. The first Step	And an expected result for the forty-fourth step	Play Condition 44
		45. The first Step	And an expected result for the forty-fifth step	Play Condition 45
		46. The first Step	And an expected result for the forty-sixth step	Play Condition 46
		47. The first Step	And an expected result for the forty-seventh step	Play Condition 47
		48. The first Step	And an expected result for the forty-eighth step	Play Condition 48
		49. The first Step	And an expected result for the forty-ninth step	Play Condition 49
		50. The first Step	And an expected result for the fiftieth step	Play Condition 50
		51. The first Step	And an expected result for the fifty-first step	Play Condition 51
		52. The first Step	And an expected result for the fifty-second step	Play Condition 52
		53. The first Step	And an expected result for the fifty-third step	Play Condition 53
		54. The first Step	And an expected result for the fifty-fourth step	Play Condition 54
		55. The first Step	And an expected result for the fifty-fifth step	Play Condition 55
		56. The first Step	And an expected result for the fifty-sixth step	Play Condition 56
		57. The first Step	And an expected result for the fifty-seventh step	Play Condition 57
		58. The first Step	And an expected result for the fifty-eighth step	Play Condition 58
		59. The first Step	And an expected result for the fifty-ninth step	Play Condition 59
		60. The first Step	And an expected result for the sixtieth step	Play Condition 60
		61. The first Step	And an expected result for the sixty-first step	Play Condition 61
		62. The first Step	And an expected result for the sixty-second step	Play Condition 62
		63. The first Step	And an expected result for the sixty-third step	Play Condition 63
		64. The first Step	And an expected result for the sixty-fourth step	Play Condition 64
		65. The first Step	And an expected result for the sixty-fifth step	Play Condition 65
		66. The first Step	And an expected result for the sixty-sixth step	Play Condition 66
		67. The first Step	And an expected result for the sixty-seventh step	Play Condition 67
		68. The first Step	And an expected result for the sixty-eighth step	Play Condition 68
		69. The first Step	And an expected result for the sixty-ninth step	Play Condition 69
		70. The first Step	And an expected result for the seventieth step	Play Condition 70
		71. The first Step	And an expected result for the seventy-first step	Play Condition 71
		72. The first Step	And an expected result for the seventy-second step	Play Condition 72
		73. The first Step	And an expected result for the seventy-third step	Play Condition 73
		74. The first Step	And an expected result for the seventy-fourth step	Play Condition 74
		75. The first Step	And an expected result for the seventy-fifth step	Play Condition 75
		76. The first Step	And an expected result for the seventy-sixth step	Play Condition 76
		77. The first Step	And an expected result for the seventy-seventh step	Play Condition 77
		78. The first Step	And an expected result for the seventy-eighth step	Play Condition 78
		79. The first Step	And an expected result for the seventy-ninth step	Play Condition 79
		80. The first Step	And an expected result for the eightieth step	Play Condition 80
		81. The first Step	And an expected result for the eighty-first step	Play Condition 81
		82. The first Step	And an expected result for the eighty-second step	Play Condition 82
		83. The first Step	And an expected result for the eighty-third step	Play Condition 83
		84. The first Step	And an expected result for the eighty-fourth step	Play Condition 84
		85. The first Step	And an expected result for the eighty-fifth step	Play Condition 85
		86. The first Step	And an expected result for the eighty-sixth step	Play Condition 86
		87. The first Step	And an expected result for the eighty-seventh step	Play Condition 87
		88. The first Step	And an expected result for the eighty-eighth step	Play Condition 88
		89. The first Step	And an expected result for the eighty-ninth step	Play Condition 89
		90. The first Step	And an expected result for the ninetieth step	Play Condition 90
		91. The first Step	And an expected result for the ninety-first step	Play Condition 91
		92. The first Step	And an expected result for the ninety-second step	Play Condition 92
		93. The first Step	And an expected result for the ninety-third step	Play Condition 93
		94. The first Step	And an expected result for the ninety-fourth step	Play Condition 94
		95. The first Step	And an expected result for the ninety-fifth step	Play Condition 95
		96. The first Step	And an expected result for the ninety-sixth step	Play Condition 96
		97. The first Step	And an expected result for the ninety-seventh step	Play Condition 97
		98. The first Step	And an expected result for the ninety-eighth step	Play Condition 98
		99. The first Step	And an expected result for the ninety-ninth step	Play Condition 99
		100. The first Step	And an expected result for the hundredth step	Play Condition 100

Importação

O processo de importação é o mesmo.

Após a importação teremos o seguinte resultado:

