Chapter 2 Specification-based Testing

Pequirements

When we cross this boundary, the program suddenly changes its behavior completely.

We want to make sure this works perfectly!

String -> empty | validation |

-> length 1 |

-> length 2 |

out points |

Boundary |

Laboundary value |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 |

out points |

Ggs that gives -- our points |

Specification-based testing

-> Understand requirements, inputs, outputs
-> Explore the program

-> Judiciously explore the possible inputs and outputs and identify partitions -> Identify boundaries

-> Derive test cases based on partitions and boundaries

-> Automate test cases

-Augment test suite with creativity and experience