

1 Integration Testing

1.1 Portability Testing

Windows XP 32-Bit

Name

Windows XP 32-BIT deployment

Summary

Port an executable version of FunSheets to a PC running Windows XP 32-BIT and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. None

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. Results are successful

Priority

Successful

Windows 7 32-Bit

Name

Windows 7 32-BIT deployment

Summary

Port an executable version of FunSheets to a PC running Windows 7 32-BIT and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. Windows 7 UAC (User Account Controls) can provide complications when running third-party software

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. In some cases UAC controls need to be set to allow FunSheets to run correctly. Firewall exceptions should be created.
2. Results are successful

Priority

Successful

Windows 7 64-Bit

Name

Windows 7 64-BIT deployment

Summary

Port an executable version of FunSheets to a PC running Windows 7 64-BIT and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. Windows 7 UAC (User Account Controls) can provide complications when running third-party software

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. In some cases UAC controls need to be set to allow FunSheets to run correctly. Firewall exceptions should be created.
2. Results are successful

Priority

Successful

Windows 8 32-Bit

Name

Windows 8 32-BIT deployment

Summary

Port an executable version of FunSheets to a PC running Windows 8 32-BIT and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. Windows 8 UAC (User Account Controls) can provide complications when running third-party software
2. FunSheets does not have an integrated Windows 8 Metro interface. Can only run from Desktop view

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. In some cases UAC controls need to be set to allow FunSheets to run correctly. Firewall exceptions should be created.
2. A Desktop icon should be created and used rather than Metro interface.
3. Results are successful

Priority

Successful

Windows 8 64-Bit

Name

Windows 8 64-BIT deployment

Summary

Port an executable version of FunSheets to a PC running Windows 8 64-BIT and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. Windows 8 UAC (User Account Controls) can provide complications when running third-party software
2. FunSheets does not have an integrated Windows 8 Metro interface. Can only run from Desktop view

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. In some cases UAC controls need to be set to allow FunSheets to run correctly. Firewall exceptions should be created.
2. A Desktop icon should be created and used rather than Metro interface.
3. Results are successful

Priority

Successful

Apple OS X

Name

Apple OS X deployment

Summary

Port an executable version of FunSheets to a PC running Apple OS X and test basic functionality and requirements.

Precondition

1. Java project compiled without errors and all Major unit and subsystem tests have passed during development
2. Target PC has properly configured Java Run-Time-Environment (JRE) or Java Development Tool-kit (JDK) installed and working.

Main Scenario

1. Using official version of FunSheets media (USB or DVD) install or copy the executable file to the target PC
2. Launch an instance of FunSheets by doubleclicking on the executable.
3. Testing various functionality according to Subsystem and Integration testing outlined in section XXX.XX

Exceptions

1. User account as appropriate privileges to install software

Expected Results

1. Subsystem test number XXX.XX to XXX.XX are successful.

Postcondition And Results

1. Results are successful

Priority

Successful