Intelligent Test Framework 3.1
Directory Structure Reference for Server
and Client Applications

1. ITF 3.1 Directory Structures

This document gives a descriptive layout of the directory compositions in various ITF applications and components.

1.1 Target Audience

This write-up is useful for those who want a concise understanding of the general internal file structures covered in all ITF 3.1 Server and Client applications.

1.2 Contents
The directory guide shall describe in the following order:
1. ITF directory
2. Agent directory
3. AQT directory
4. ART directory

2. ITF Directory

The ITF installation wizard will create a root program files directory and a data store directory. The default settings of these 2 directories are *C:\Agilent\ITFSS3.1\ITF* and *E:\Agilent\ITFSS\DataStore* respectively.

2.1 File Structure "C:\Agilent\ITFSS3.1\ITF"
2.1.1 Definition
The root program directory of ITF where all ITF program files and folders (including third-party software), configuration files reside in.

2.1.2 Size on disk
205 MB (215,818,240 bytes)

2.1.3 registry key
<HKEY_LOCAL_MACHINE\SOFTWARE\Agilent Technologies, Inc.\Intelligent Test Framework 3.1\3.1>
  Name: TimeStamp
Type: REG_SZ

The following table shows the sub-folders and their description inside ITF root program directory.

Sub-folder Name	Description
bin	Stores main program scripts to start and stop ITF. • InstallServices.bat • RemoveServices.bat • StartServices.bat • StopServices.bat Also stores the win32 rmiservice.exe and TestSightSV.ocx.
db	Stores database related scripts, for creating and populating the itf database.
flexlm	License manager that ITF uses.
icon	Stores the icon file used.
install	Stores ITF products installation files and exes.

└applications	Contains files agilent_quality_tool_1_1.exe and agilent_repair_tool_3_1.exe.

└components	Contains file testers_components.exe and folder ICT_UX.
jdk	The Java 2 development kit used for running tomcat.
lib	Contains dlls that ITF uses.
	ICE_JNIRegistry.dll
	itflm.dll
	nativeutils.dll
manuals	Contains ITF guides on Admin Help, Setup procedure and Reference Guide.
storage	
└AgentContainerRoot	
└agent	
└Agent5DXServer	
└Agent3070Server	
└AgentJobScheduler	
└AgentNameRegistry	Registry agent.
└**AgentNetServer**	Main server config file. Config.properties set values:
	- maxPoolSize,
	- minPoolSize and
	- Server port number.
└AgentSJServer	
└AgentSPServer	
└CADServerAgent	
└FileServer	
└XMLGenerator	
└BoardTestQueue	ITF generated directory. File Queue management.
└clients	Contains configuration files that may vary with clients (customers). For example, ITFConfiguration.xml and ITFVersion.xml.
└licenses	Folder where flexlm places license files that it reads in. Also contains serial.txt, which stores the CD product number.
└logs	Stores different log files for itf, tomcat and flexlm.
└itf	
Framework Log.txt	Old log file generated by ver 3.0 codes.
ITF Log.txt	Old log file generated by ver 3.0 codes.
ITF.log	Main ITF log file.
migration.log	Migration log file. Empty if migration is not activated.
repairLogger.log	Repair log file. Useful when debugging ART.
└temp	Temp directory for tomcat.

└ICTGenCAMData	ITF generated directory, stores genCAM files. (.gcm)
└Resource	Contains QualityConfiguration.xml and RepairSettings.dat.
tomcat	

└jakarta-tomcat-5.0.28
  └webapps
    └adminclient
      └WEB-INF	

└classes	Contains files DAOControlFactory.properties hibernate.itf.sql2000.xml for use in hibernate(sql), and log4j.xml for process logging purposes.
└lib	Contains all required external jar files, and **itf.jar**.
xml	Contains xml definition files required for reading exported data from ART.
(files) ReleaseNotes.doc ReleaseNotes.txt	Release notes in both word document and plain text format.

ITF installation also places the following file into the windows system32 directory.

GenCAMToXML.exe (convert .gcm to .xml)

2.2 File Directory "E:\Agilent\ITFSS\DataStore"
2.2.1 Definition
The root data store directory of ITF where data files for use by ART/AQT are being stored.

3. Agent Directory

The testers_components.exe installs ITF agent and tester components onto the respective tester controller. The following line lists the default directory where these are installed. (Note: the agent is installed on the ITF Server for the case of an ICT UNIX tester controller.)

3.1 File Directory "C:\Agilent\ITFSS3.1\Agent"
3.1.1 Definition
This is the root program directory of ITF Agent

3.1.2 Size on disk
47.7 MB (50,032,640 bytes)

3.1.3 Registry key
<HKEY_LOCAL_MACHINE\SOFTWARE\Agilent Technologies, Inc.\Testers
Components\3.1>
  Name: TimeStamp
  Type: REG_SZ

The following table shows the sub-folders and their description inside ITF Agent root
program directory.

Sub-folder Name	Description
Bin	Stores main program scripts to start and stop the Agent. • AgentService.exe • InstallServices.bat • RemoveServices.bat • StartServices.bat • StopServices.bat
Jre	The Java 2 Runtime Environment used to run the agent.
Lib	Contains agent.jar and log4j.xml.
Storage	
└AgentContainerRoot	
└agent	
└_Proxy	Server configuration folder. Stores settings: Server name Server port number
└AgentNetServer	(note: non-existent if tester is 3070 UNIX) stores local port number.
└Agent5DXTester or └Agent3070Tester or └AgentSJTester or └AgentSPTester	Depending on type of tester selected, one of the listed will be installed.
└Broken	Result files that are not complete or cannot be processed will be moved to here from .outgoing folder.

└DefaultImage	Stores Corrupted.jpg Missing.jpg For use in ART display.
└Input	Stores all the result files.
└.outgoing	.rep files moved to here for processing.
└logs	Contains **Agent.log**.

4. AQT Directory

The default AQT root folder is at **C:\Agilent\ITFSS3.1\AQT**

4.1 File Directory "C:\Agilent\ITFSS3.1\AQT"
4.1.1 definition
This is the root program directory of Agilent Quality Tool.

4.1.2 Size on disk
60.6 MB (63,545,344 bytes)

4.1.3 Registry key
<HKEY_LOCAL_MACHINE\SOFTWARE\Agilent Technologies, Inc.\Agilent Quality Tool 1.1\1.1>
  Name: TimeStamp
  Type: REG_SZ

The following table shows the sub-folders and their description inside AQT root program directory.

Sub-folder Name	Description
bin	- empty -
clients	Contains settings.dat that stores customized AQT settings.
└logs	Contains **Quality Log.txt**.
icon	Contains the icon file used.
jre	The Java 2 Runtime Environment used to run the agent.
lib	Contains **aqt.jar** and other dlls.
manuals	Contains WebHelp and AQT User Guide.

5. ART Directory

The default ART root folder is at **C:\Agilent\ITFSS3.1\ART**

5.1 File Directory "C:\Agilent\ITFSS3.1\ART"
5.1.1 Definition
This is the root program directory of Agilent Repair Tool.
5.1.2 Size on disk
64.9 MB (68,120,576 bytes)

5.1.3 Registry key
<HKEY_LOCAL_MACHINE\SOFTWARE\Agilent Technologies, Inc.\Agilent Repair Tool
3.1\3.1?
  Name: TimeStamp
  Type: REG_SZ

The following table shows the sub-folders and their description inside ART root program directory.

Sub-folder Name	Description
bin	- Empty -
└logconf	Contains log4j.xml.
clients	Contains settings.dat that stores customized AQT settings, and other non-installation-fixed files/folders.
└AgentContainerRoot └agent	
└FileServer	Stores server settings like server name, server port no. for establishing file transfer.
└TaskHandlerServer	Stores settings for downloading images from server.
└CADCache	The cache for art CAD files.
└ImageCache	The cache for art images.
└logs	Contains **Quality Log.txt**.
icon	Contains the icon file used.
jre	The Java 2 Runtime Environment used to run the agent.
lib	Contains **art.jar** and TestSightSV.ocx.
manuals	Contains ART WebHelp and ART User Guide.

In addition, ART installation places the following files into the system directory (Default C:\WINNT\system32 or C:\Windows\system32)

1. Bmp2Jpg.dll
2. ICE_JNIRegistry.dll
3. nativeutils.dll
4. Opto22JNIWrapper.dll
5. OptoPCI.dll
6. (following are Jintegra files)
7. CheckConfigEnglishResourceDll.dll
8. com2javacmdEnglishResourceDll.dll
9. com2javaEnglishResourceDll.dll
10. JintMk.dll
11. ntvauth.dll
12. ntvauthEnglishResourceDll.dll
13. ntvinv.dll
14. ntvinvEnglishResourceDll.dll
15. ntvocx.dll
16. ocxhostEnglishResourceDll.dll
17. regjvmcmdEnglishResourceDll.dll
18. regjvmEnglishResourceDll.dll
19. regprogidEnglishResourceDll.dll
20. regtlbEnglishResourceDll.dll
21. setdllhostEnglishResourceDll.dll