



User Reference

The Relationship between Equipment and Configs

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The Equipment Table and Selection Table

In **TAZ** we select test equipment from the *Equipment Table*. If this is the first time you have opened **TAZ** you will have blank tables:

The screenshot displays the TAZ software interface. At the top, there is a navigation bar with the TAZ logo, a 'Welcome' message, and a 'Version' field. The main navigation menu includes 'Home', 'Configs', 'Help', and 'Logout'. Below this, a secondary menu contains 'Setup Runs', 'Connect Equipment' (which is the active tab), 'Run Tests', 'Write Tests', and 'View Results'. A 'Settings' gear icon is located on the right side of this menu.

The main content area is divided into two sections. The left section is titled 'Equipment Table: DUT view' and contains a table with columns: Name, Protocol, Address, Type, SubType, Chassis, and Sk. Above this table are buttons for 'Load', 'Save', 'Delete Rows', and 'Clear'. The right section is titled 'Selection Table: Equipment selected for tests' and contains a table with columns: Order, Name, Protocol, Address, Type, and SubType. Between the two tables are buttons for 'Deselect All', 'Copy', and 'Paste'. At the top of the main content area, there are buttons for 'Connect/Reserve Equipment' and 'Disconnect All'. The footer of the interface contains the text: 'Proprietary and confidential information. Copyright © 2000-2014 AZTAZ Software, LLC All rights reserved. support@aztazsoftware.com'.

We can now add data directly to the **Equipment Table** or we can **Load** an **Equipment Table file**. Please note, if you use a file, the file is not the **Equipment Table**, it is only a convenience used to populate it.

Let's click



and populate the **Equipment Table** with the file named *DemoGeneralEquip.txt*.

The screenshot shows the 'Connect Equipment' tab in a software interface. The 'Equipment Table: DUT view' is populated with data from a file named 'DemoGeneralEquip.txt'. The table has columns for Name, Protocol, Address, Type, SubType, Chassis, and Sl. The 'Selection Table: Equipment selected for tests' is currently empty. A red box highlights the message 'Equipment Table populated by: DemoGeneralEquip.txt'. Other buttons visible include 'Load', 'Save', 'Delete Rows', 'Connect/Reserve Equipment', 'Clear', 'Deselect All', and 'Copy'.

Name	Protocol	Address	Type	SubType	Chassis	Sl
2820 GPIB	GPIB	10	Keithley 2810			
2920 GPIB	GPIB	12	Keithley 2910			
DOS Shell	DOS		DOS			
TCL Shell	DOS		DOS			
Cygwin Shell	DOS		DOS			
myDUT	Telnet	127.0.0.1	HServer			
Cisco300 Serial	Serial		DUT			
Cisco300 Telnet	Telnet	192.168.0.180	DUT			
Cisco300 Telnet 02	Telnet	192.168.0.190	DUT			
myDUT-1	Telnet	127.0.0.1	HServer			
Cisco805 Telnet	Telnet	192.168.0.185	DUT			
DB TEST	DB		DUT			
DB LT1 Demo	DB		DUT			
DB 03 Demo	DB		DUT			
GoogleEarth	HTTP	http://maps.go	DUT			
Jira	HTTP	http://jira.calix.	HTTP			
Aztaz	HTTP	http://www.az	HTTP			

At this point we can modify the equipment data or add more equipment. In our *Equipment Table* below we have changed an IP address (myDUT) and added a new row (MyNewDUT) at the bottom. *TAZ* displays a message that informs us that our *Equipment Table* is no longer the same as the file that originally populated it. Usually we will save these changes to the file so we don't have to enter the changes every time, but we don't have to. Without modifying the file, we can run tests with the added equipment. This is because the file is not the *Equipment Table*.

Setup Runs | **Connect Equipment** | Run Tests | Write Tests | View Results

Devices Under Test | Instruments

Load | Save | Delete Rows | Connect/Reserve Equipment

Equipment Table MODIFIED - does not match: DemoGeneralEquip.txt

Equipment Table: DUT view | Single-click Select/Double-click Edit | Clear

Name	Protocol	Address	Type	Sub Type	Chassis	Sl
2820 GPIB	GPIB	10	Keithley 2810			
2920 GPIB	GPIB	12	Keithley 2910			
DOS Shell	DOS		DOS			
TCL Shell	DOS		DOS			
Cygwin Shell	DOS		DOS			
myDUT	Telnet	192.168.0.45	HServer			
Cisco300 Serial	Serial		DUT			
Cisco300 Telnet	Telnet	192.168.0.180	DUT			
Cisco300 Telnet 02	Telnet	192.168.0.190	DUT			
myDUT-1	Telnet	127.0.0.1	HServer			
Cisco805 Telnet	Telnet	192.168.0.185	DUT			
DB TEST	DB		DUT			
DB LT1 Demo	DB		DUT			
DB 03 Demo	DB		DUT			
GoogleEarth	HTTP	http://maps.go	DUT			
Jira	HTTP	http://jira.calix.	HTTP			
Aztaz	HTTP	http://www.az	HTTP			
MyNewDUT	Telnet	192.168.0.55				

Deselect All | Copy

Selection Table: Equipment selected for tests

Order	Name	Protocol	Address

Let's select the equipment we just modified by clicking the rows. The modified equipment rows now appear in the **Selection Table**. **TAZ** only looks at equipment data in the **Selection Table** when it runs tests.

Setup Runs
Connect Equipment
Run Tests
Write Tests
View Results

Devices Under Test
Instruments

Load
Save
Delete Rows
Connect/Reserve Equipment

Equipment Table MODIFIED - does not match: DemoGeneralEquip.txt

Equipment Table: DUT view Single-click Select/Double-click Edit Clear

Name	Address	Protocol	Type	SubType	Chassis	Sl
2820 GPIB	10	GPIB	Keithley 2810			
2920 GPIB	12	GPIB	Keithley 2910			
DOS Shell		DOS	DOS			
TCL Shell		DOS	DOS			
Cygwin Shell		DOS	DOS			
myDUT	192.168.0.45	Telnet	HServer			
Cisco300 Serial		Serial	DUT			
Cisco300 Telnet	192.168.0.180	Telnet	DUT			
Cisco300 Telnet 02	192.168.0.190	Telnet	DUT			
myDUT-1	127.0.0.1	Telnet	HServer			
Cisco805 Telnet	192.168.0.185	Telnet	DUT			
DB TEST		DB	DUT			
DB LT1 Demo		DB	DUT			
DB 03 Demo		DB	DUT			
GoogleEarth	http://maps.go	HTTP	DUT			
Jira	http://jira.calx.	HTTP	HTTP			
Aztaz	http://www.az	HTTP	HTTP			
MyNewDUT	192.168.0.55	Telnet	HServer			

Deselect All

Copy

Selection Table: Equipment selected for tests

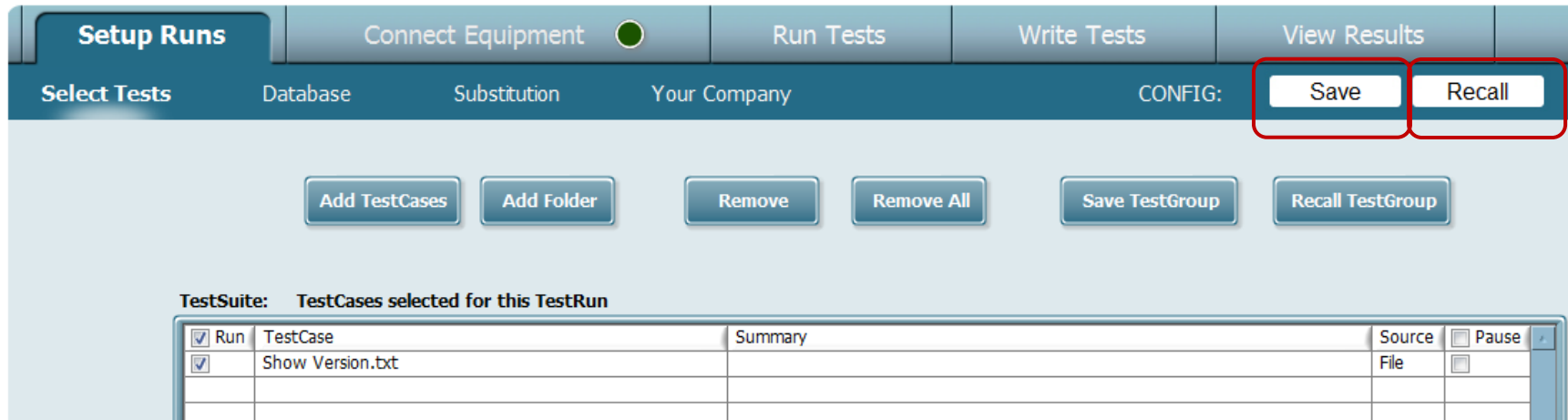
	Order	Name	Address	Pro
<input checked="" type="checkbox"/>	1	myDUT	192.168.0.45	Te
<input checked="" type="checkbox"/>	2	MyNewDUT	192.168.0.55	Te

Equipment from Configs

The **Config** is a snapshot of the testing setup, including the **Equipment Table** and the **Selection Table**.

On the Setup Runs screen we can save the **Config** by clicking

Save



The screenshot shows the 'Setup Runs' interface. At the top, there are tabs for 'Setup Runs', 'Connect Equipment', 'Run Tests', 'Write Tests', and 'View Results'. Below these tabs, there are buttons for 'Select Tests', 'Database', 'Substitution', and 'Your Company'. To the right of these buttons is a 'CONFIG:' label, followed by 'Save' and 'Recall' buttons, both of which are highlighted with red boxes. Below this, there are buttons for 'Add TestCases', 'Add Folder', 'Remove', 'Remove All', 'Save TestGroup', and 'Recall TestGroup'. At the bottom, there is a table titled 'TestSuite: TestCases selected for this TestRun' with columns for 'Run', 'TestCase', 'Summary', 'Source', and 'Pause'.

Run	TestCase	Summary	Source	Pause
<input checked="" type="checkbox"/>	Show Version.txt		File	<input type="checkbox"/>

At a later time, when we click

Recall

the recalled **Config** will populate the entire **TAZ** testing environment with the saved values. The next screenshot shows the **Connect_Equipment** screen after recalling. Notice the message informing us that the equipment in the **Config** does not match the file that originally populated the **Equipment Table**. This message appears because **TAZ** compares the original file with the actual **Equipment Table** saved in the **Config**. This is for informational purposes only, since the **Selection Table** is the only data **TAZ** uses for a run. The file name that originally populated the table is irrelevant at this point and does not display.

Setup Runs **Connect Equipment** Run Tests Write Tests View Results

Devices Under Test Instruments

Load Save Delete Rows Connect/Reserve Equipment

EquipFile does not match recalled Config EquipTable

Equipment Table: DUT view Single-click Select/Double-click Edit Clear

Name	Address	Protocol	Type	SubType	Chassis	Sl
2820 GPIB	10	GPIB	Keithley 2810			
2920 GPIB	12	GPIB	Keithley 2910			
DOS Shell		DOS	DOS			
TCL Shell		DOS	DOS			
Cygwin Shell		DOS	DOS			
myDUT	192.168.0.45	Telnet	HServer			
Cisco300 Serial		Serial	DUT			
Cisco300 Telnet	192.168.0.180	Telnet	DUT			
Cisco300 Telnet 02	192.168.0.190	Telnet	DUT			
myDUT-1	127.0.0.1	Telnet	HServer			
Cisco805 Telnet	192.168.0.185	Telnet	DUT			
DB TEST		DB	DUT			
DB LT1 Demo		DB	DUT			
DB 03 Demo		DB	DUT			
GoogleEarth	http://maps.go	HTTP	DUT			
Jira	http://jira.calx.	HTTP	HTTP			
Aztaz	http://www.az	HTTP	HTTP			
MyNewDUT	192.168.0.55	Telnet				

Deselect All Copy

Selection Table: Equipment selected for tests

	Order	Name	Address	Pr
<input checked="" type="checkbox"/>	1	myDUT	192.168.0.45	T
<input checked="" type="checkbox"/>	2	MyNewDUT	192.168.0.55	T

The **Config** itself, specifically the **Selection Table** section, contains all the necessary information to communicate with our equipment. We can now run our tests.

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