

Myriad Macro v4.0 Command Reference Guide

When triggering a Command, a Status Panel is displayed over the top of the Cart Players, and the Log Information Panel. If you prefer not to have this Status Panel displayed, then you can prefix the Command name with an exclamation mark ("!"). You can also click on the panel over the Cart Players to hide it for the duration of that Command.

Normally Commands triggered by either Log Events or by being attached to carts are fired "Asynchronously" meaning that they will fire very soon after they are triggered, but not immediately. Usually this gap is very small and will not be noticed, but where it is critical you can prefix the Command name with "@" (or "!@" for a silent version) to make the command run immediately - i.e. Synchronously. However, it is very important that you avoid using Commands that will take a long time to complete, or that use the WAIT function as these may cause Myriad to become non-responsive until the Command has finished executing.

Myriad Startup

When Myriad starts up it looks for a a command called 'STARTUP' and runs it automatically. If your command is called 'STARTUPPROMPT' then the user is asked if they want to 'Run the Startup Macro?'

Overriding 'shared' commands with profile specific versions

You can also override a 'shared' command (i.e. those stored in the *Data location\Commands*) with a profile specific command by creating a local file in *C:\Documents and Settings\All Users\Application Data\P Squared\Myriad v3\Profiles\<ProfileName>\Commands* folder. For example you may have a command called *ImportNews* that carries out a certain action on all machines, but on one specific machine you want to alter the way this command works so you copy the *ImportNews.cm3* file into the local location and alter it using notepad.

Overriding all commands with local computer specific versions

Shared and profile specific commands can also be overridden by a command with the same name stored in *C:\Documents and Settings\All Users\Application Data\P Squared\Myriad v3\Commands*. This command is therefore available to Myriad regardless of which Profile it is loaded with.

TCP/IP Access to the Command Processor

As well as using stored commands, you can also communicate directly with the Command Processor via a TCP Connection to a computer running Myriad. You will need to turn on the Myriad Settings option to Allow TCP/IP Connections.

There is an additional command that can be used when using the TCP interface:

```
Field          | Usage
=====
GET VALUE    | You can use this to return information from the Command
processor - the string you send is processed
                | by the PEP and then returned back to you. The contents of the
string are not processed in any way
                | so you can use any other text in the query string.
                |
                | Example:  GET VALUE IWANTTOKNOW=<PEP_COMPUTERNAME>
                |           (For example, this might return in SET VALUE
IWANTTOKNOW=STUDIO1XP)
                |
                | Example:  GET VALUE
```

WHATSON...<PEP_CURRENTLOGITEM_ITEMTITLE>
 | (For example, this might return in SET VALUE
 WHATSON...Station Ident)

Pre-Execution Processor (PEP)

Before any Command is executed, the PEP reviews the command string to insert any Dynamic data (i.e. Current Date etc.)

Dynamic Data Fields must be prefixed <PEP_ and end with a closing > - for example, the LOGMODE field must be entered as <PEP_LOGMODE>

The Supported fields are:

Field	Usage
COMPUTERNAME	The Field is replaced with the Windows Computer Network Name of the computer Example: <PEP_COMPUTERNAME> (For example, this might result in STUDIO1XP)
CURRENTUSER	The Field is replaced with the Login Name of the Logged in User If no user is logged in then the result will be an empty string Example: <PEP_CURRENTUSER> (For example, this might result in JOHNJONES if John Jones is logged in) Notes: (v3.5.12 and higher only): You can access other properties of the Current User by using <PEP_CURRENTUSER_{Field}> - e.g. <PEP_CURRENTUSER_PHONENUMBER1> The following fields are currently supported: Reference, GUID, Category, SecurityGroup, UseSecurityGroupDefaults, Software Account Created, CreatedString, LastModified, LastModifiedString, AccessEnd, AccessEndString Name, Company, JobTitle, Notes, ExternalReference, PhoneNumber1, PhoneNumber2, FaxNumber MobileNumber, Email1, Email2, Email3, Website1, Website2, Address, LoginName LoginDisabled, LoginCanChangePassword, LoginMustChangePassword, LoginAllowAutoLogin LastLoginString, LastLoginSoftware, PersonalToContact, SystemAccount, EditHistory

|
HasPermissions, HasPreferences, vCard, FilesLocation

=====
CURRENTLOGITEM (v3.5.12 and higher only)
NEXTLOGITEM (v3.5.12 and higher only)
NEXTCUEABLELOGITEM (v3.5.12 and higher only)
| The partial field is replaced by details from the 'Current',
'Next' or 'Next Cueable' Log item.
| It must be followed by the information that you want to
retrieve - e.g. ItemTitle.
|
| If no Log is open, or the Log is not running then the result
will be an empty string
|
| Example: <PEP_CURRENTLOGITEM_ITEMTITLE> by
<PEP_CURRENTLOGITEM_ARTISTNAME_1>
|
| The following fields are currently supported:
| Reference, ReferenceString, HDReference
| ItemDate, EstimatedStartTime, ReferenceTime
|
| ItemTitle, ArtistName_1, ArtistName_2, ArtistName_3
|
| ItemDescription_1, ItemDescription_2, ItemDescription_3
|
| ItemType, ItemFlags, OriginalItemFlags, ItemStatus
| ActualEndType, ScheduledEndType
| AutoFadeStart, AutoFadeLength, HasAutoFade
| FadeInStart, FadeOmLength, HasFadeIn
|
| EarlyFadeStart, EarlyFadeLength, HasEarlyFade
|
| ScheduledLength, EstimatedLength, PreCueOverride, ExtroOverride
| ItemReference, SchedulerReference
|
| VoiceReference, VoiceStartOffset, VoiceHDReference
| StudioNotes, WebNotes, DABNotes
|
| Information_1, Information_2, Information_3, Information_4
|
| InformationString_1, InformationString_2, InformationString_3, Information
String_4
|
| HardwareEndNumber_1, HardwareEndNumber_2, HardwareEndState_1, HardwareEndS
tate_2
|
| ItemTypeDescription_0, ItemTypeDescription_1, ItemTypeDescription_2, ItemT
ypeDescription_3
|
| ItemEndType, ActualEndType, ScheduledEndType
|
| ItemEndTypeDescription_0, ItemEndTypeDescription_1
|
| ItemEndTypeDescription_2, ItemEndTypeDescription_3
|
| ActualEndTypeDescription_0, ActualEndTypeDescription_1
|

ActualEndTypeDescription_2,ActualEndTypeDescription_3
|
ScheduledEndTypeDescription_0,ScheduledEndTypeDescription_1
|
ScheduledEndTypeDescription_2,ScheduledEndTypeDescription_3
|
EstimatedStartDateTime,EstimatedStartDateTimeXML,EstimatedStartDateTime
GMTXML
|
Serialisation,XML

CURRENTLOGITEMOFFSET (v3.5.12 and higher only)
| The partial field is replaced by details from the specified
item before or after the Current Log item.
| It must be followed by a number that determines which item
before or after the current item in the log
| and then the name of the information that you want to retrieve.
|
| If no Log is open, or the Log is not running then the result
will be an empty string
|
| Example: <PEP_CURRENTLOGITEMOFFSET_2_ITEMTITLE> by
<PEP_CURRENTLOGITEMOFFSET_2_ARTISTNAME_1>
| This would show the Title and Artist from the second
item below the current item.
| For a list of supported fields see **CURRENTLOGITEM**
above

CURRENTLOGVIEWITEM (v3.5.14 and higher only)
| The partial field is replaced by details from the item
currently highlit in the Log Display.
| It must be followed by the information that you want to
retrieve - e.g. ItemTitle.
|
| If no Log is open, or the Log is not running then the result
will be an empty string
|
| Example: <PEP_CURRENTLOGVIEWITEM_ITEMTITLE> by
<PEP_CURRENTLOGVIEWITEM_ARTISTNAME_1>
| For a list of supported fields see **CURRENTLOGITEM**
above

CURRENTLOGVIEWITEMOFFSET (v3.5.14 and higher only)
| The partial field is replaced by details from the specified
item before or after the item highlit in
| the Log Display. It must be followed by a number that
determines which item before or after the current item
| and then the name of the information that you want to retrieve.
|
| If no Log is open, or the Log is not running then the result
will be an empty string
|
| Example: <PEP_CURRENTLOGVIEWITEMOFFSET_2_ITEMTITLE> by
<PEP_CURRENTLOGVIEWITEMOFFSET_2_ARTISTNAME_1>
| This would show the Title and Artist from the second

item below the current item.

For a list of supported fields see **CURRENTLOGITEM**

above

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DATE_XXXX | The Field is replaced with the current date in the format given by XXXX.

| The XXXX part can be built out of several different sections to build a custom date format.

| You can also use several characters as separators such as - , : etc.

| XXXX Values:
| YY : Reports a 2 digit year i.e. 07
| YYYY : Reports a 4 digit year i.e. 2007

| M : Reports a 1 or 2 digit Month i.e. 8 or 10
| MM : Reports a 2 digit Month i.e. 08
| MMM : Reports a short text name of the Month i.e.

Aug
| MMMM : Reports a full text name of the Month i.e.

August

| D : Reports a 1 or 2 digit Day i.e. 3 or 18
| DD : Reports a 2 digit Day i.e. 03
| DDD : Reports a short text name of the Day i.e.

Fri
| DDDD : Reports a full text name of the Day i.e.

Friday
| DDDDD : Reports the date using the Windows Short Date Settings - i.e. 03/08/2007

| Example: <PEP_DATE_YYMMDD>
(This would result in 070803)
| <PEP_DATE_YY-MM-DD>.LOG
(This would result in 07-08-03.LOG)

=====

LOGDATE_XXXX | The Field is replaced with the current date that the Station Database is running

| This may be different from the actual clock date if the last hour in a log has
| underrun resulting in the next hour starting early.

| The XXXX parameter is the same as for the DATE_XXXX Field

| Example: <PEP_LOGDATE_YYMMDD>

=====

LOGHOUR | The Field is replaced with the current hour of the Log that the Station Database is running

| This may be different from the actual clock date if an hour in a log has
| underrun resulting in the next hour starting early.

| The Result is always 2 digits in the 24 hour clock

|

| Example: <PEP_LOGHOUR>
| (For example, this might result in 20 if the current
hour was 8 o'clock at night)

=====
=====
LOGMODE | The Field is replaced with the mode that the Station Database
is running in on the Log Screen

|
| The only possible results are an empty string (i.e. no database
log open) or:

| AUTOFADE
| AUTO
| LIVE
| STANDBY

| Example: <PEP_LOGMODE>

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MYRIADCOMPUTERID | This uses the Myriad Computer ID Number (as
found in Myriad Settings>Computers Tab)

| Example: <PEP_MYRIADCOMPUTERID>

| (For example, this might result in 3
for the 3rd computer in the list.)

=====
=====
MYRIADCOMPUTERNAME | This uses the Myriad Computer Network Name (as
found in Myriad Settings>Computers Tab)

| Example: <PEP_MYRIADCOMPUTERNAME>

| (For example, this might result in
STUDIO 1 Main Computer)

=====
=====
TIME_XXXX | The Field is replaced with the current Time in the format given
by XXXX.

| The XXXX part can be built out of several different sections
to build a custom date format.

| XXXX Values:

| H : Reports a 1 or 2 digit hour i.e. 7 or 11
| HH : Reports a 2 digit hour i.e. 07

| M : Reports a 1 or 2 digit minute i.e. 8 or 45
| MM : Reports a 2 digit minute i.e. 08

| S : Reports a 1 or 2 digit seconds i.e. 3 or

| SS : Reports a 2 digit seconds i.e. 09

59

| Example: <PEP_TIME_HHMM>
| (This would result in 0130)

| <PEP_TIME_H:MM>
| (This would result in 1:30)

Command Types:

External:

Used to run an external windows application - i.e. notepad

You can also set options for Myriad to wait until the command has executed or to set the Application Priority.

Example: notepad.exe [\\Server\Share\Info\Weather.txt](#)

Macro:

Use the built-in Myriad scripting language to perform a sequence of actions.

Each Command must be entered on it's own line, with any parameters on the same line. You cannot execute multiple commands on a single line.

On some cases, several variations of the command name are acceptable. These are represented as lists in this documentation.

Conditional Execution Processor (CoEP):

To allow you to only execute commands when certain conditions are met, the CoEP reviews each line before execution.

To use the CoEP, simply start the line with a valid **IF** statement then add the command at the end of the **IF** test.

Syntax: IF (Test=Result) <Command To Execute>|EXIT

The equals sign can be replaced with one of the following:

= Test must be equal to the Result to execute the command
 <> Test must be different (i.e. not equal) to the result
 < Test must be less than the result
 <= Test must be less than or equals to the result
 > Test must be less than the result
 >= Test must be less than or equals to the result

There is a special Execute command of EXIT which can be used to stop running any further commands from that Macro immediately. For example *IF (LOGGEDIN=No) EXIT*

The following Conditional IF tests are available via the CoEP

TEST	Usage
YEAR	Tests the Current Year Example: <i>IF (YEAR=2007) <Command></i>
MONTH	Tests the Current Month number Example: <i>IF (MONTH<2) <Command></i>
DAY	Tests the Current Day of the month Example: <i>IF (DAY>=23) <Command></i>
WEEKDAY	Tests the Current day of the week number (Monday=Day 1, Sunday

= Day 7)

| Example: *IF (WEEKDAY<>4) <Command>*

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=====
HOURL | Tests the Current Hour/Minute/Second
MINUTE | Example: *IF (HOURL=14) <Command>*
SECOND | *IF (MINUTE<=55) <Command>*
| *IF (SECOND=13) <Command>*
=====

=====
COMPUTERNAME | Tests to see if the command is being executed on a specific
Computer

| This uses the Windows Computer Network Name (as found in
Windows System Properties>Computer Name Tab)

| Example: *IF (COMPUTERNAME=STUDIO1) <Command>*
*(If this is the computer called STUDIO1 then the
command is executed)*

IF (COMPUTERNAME<>STUDIO1) <Command>
*(If this is a different computer to STUDIO1 then
the command is executed)*

=====
CURRENTUSER | Tests to see if a specific user is logged into Myriad
| Note: If no-one is logged in then the only test that can be
used is "<>" (Different than)

| Note: This tests the LoginName of the user, not the FullName
| Example: *IF (CURRENTUSER=JOHN) <Command>*
(If John is Logged In then the command is executed)

IF (CURRENTUSER<>JOHN) <Command>
*(If someone other than John is Logged In then the
command is executed)*

=====
HARDWARE | Tests the state of a Hardware Line being Set or Clear

| Example: *IF (HARDWARE 12=Set) <Command>*
(Checks to see if hardware line 12 is set (or

'Active') i.e. On)

IF (HARDWARE 101=Clear) <Command>
(Checks to see if hardware line 101 is Clear (or

'Inactive') i.e. Off)

IF (HARDWARE 17<>Set) <Command>
(Checks to see if hardware line 12 is NOT set (or

'Active') i.e. Off)

=====
LOGMODE | Tests the state of the Station Log Mode

| Possible Answers: AUTOFADE, AUTO or AUTOMATION, LIVE or
LIVEASSIST, STANDBY

| Example: *IF (LOGMODE=AUTO) <Command>*

(Command will only be executed if in AUTO mode (not AUTOFADE!))

IF (LOGMODE<>STANDBY) <Command>

(Command will only be executed if not in Standby

- i.e. Log is running)

=====

LOGGEDIN | Tests to see if a user is logged into Myriad

| Example: IF (LOGGEDIN=YES) <Command>

(If a person is Logged In then the command is

executed)

IF (LOGGEDIN=No) <Command>

(If no one is Logged In then the command is

executed)

=====

MYRIADCOMPUTERID | Tests to see if the command is being executed on a specific Computer

| This uses the Myriad Computer Network ID (as found in Myriad Settings>Computers Tab)

|

| Example: IF (MYRIADCOMPUTERID=4) <Command>

(If this is the computer is the 4th in

the list then the command is executed)

IF (MYRIADCOMPUTERNAME<3) <Command>

(If this is the 1st or 2nd computer in

the list then the command is executed)

=====

MYRIADCOMPUTERNAME | Tests to see if the command is being executed on a specific Computer

| This uses the Myriad Computer Network Name (as found in Myriad Settings>Computers Tab)

|

| Example: IF (MYRIADCOMPUTERNAME=STUDIO 1)

<Command>

(If this is the computer called STUDIO

1 then the command is executed)

IF (MYRIADCOMPUTERNAME<>STUDIO 1)

<Command>

(If this is a different computer to

STUDIO 1 then the command is executed)

=====

ONAIR | Tests the state of whether the Station Log is "On-Air"

| Example: IF (ONAIR=YES) <Command>

(If the Log is On-Air then the command is executed)

IF (ONAIR=No) <Command>

(If the log is NOT On-Air then the command is

executed)

IF (ONAIR<>YES) <Command>

(If the log is NOT On-Air then the command is executed)

Note: Parameters shown surrounded by square brackets - [] - are optional

Myriad Command Reference:

Command | Usage

AUDIOWALL | Used to change audio stored on the Audiowall
| Notes: These commands do not use Security Permissions.
| These commands usually work without any display,
so you will not see a warning if a command fails.
| Commands:

| COPY Used to Copy a specied cart into
another specified cart, or the first available in a specified range.
| MOVE Used to Move a specied cart into
another specified cart, or the first available in a specified range.

| Syntax: AUDIOWALL COPY
<SourceCartNumber>,<StartCartNumber>[,<EndCartNumber>]

| AUDIOWALL MOVE
<SourceCartNumber>,<StartCartNumber>[,<EndCartNumber>]

| Notes: These commands can only Copy or Move
into an empty cart. Use the DELETE command first to ensure that
there is an empty cart available.

Examples:

AUDIOWALL COPY 1,3001
(Copies cart 1 into cart 3001)

AUDIOWALL MOVE 1,3001,3099
(Moves cart 1 into the first empty cart from

3001 to 3099)

| DELETE Used to delete a specified cart
Syntax: AUDIOWALL DELETE <CartNumber>

Examples:

AUDIOWALL DELETE 3001
(Deletes cart 3001)

| IMPORTFILE Used to import a specified Audio File

into a specified cart, or the first available in a specified range.

| Syntax: AUDIOWALL IMPORTFILE
<Filename>,<StartCartNumber>[,<EndCartNumber>][,Delete][,NormalisePercentage]
| Note: To use the Normalise Option, you must
specify ALL of the parameters. The Normalise Option may be overridden
| by the Global Audiowall Settings.

| Examples:
| AUDIOWALL IMPORTFILE
"c:\Inbox\Myfile1.wav",3001
| (Imports the file into cart 3001)
| AUDIOWALL IMPORTFILE
"c:\Inbox\Myfile2.wav",3001,3099
| (Imports the file into the first available
cart from 3001 to 3099)
| AUDIOWALL IMPORTFILE
"c:\Inbox\Myfile3.wav",3001,Delete,50
| (Imports the file into cart 3001 normalised
to 50% and then deletes the original file)
| AUDIOWALL IMPORTFILE
"c:\Inbox\Myfile4.wav",3001,3001,,50
| (Imports the file into cart 3001 normalised
to 50% but does NOT deletes the file)

| EXPORT Used to export a specified cart to a
specified Audio File.
| EXPORTFILE
| Syntax: AUDIOWALL EXPORT
<CartNumber>,<Filename>[,Delete]
| Note: The audio will be exported in it's
current format, and the Filename extension will
| be changed to match if nescessary -
i.e. exporting an mp3 file to myfile.wav will
| actually create a file called
myfile.mp3

| Examples:
| AUDIOWALL EXPORT
3001,"c:\Inbox\Myfile1.wav"
| (Exports cart 3001 to a new file)
| AUDIOWALL EXPORT
3001,"c:\Inbox\Myfile2.wav",Delete
| (Exports cart 3001 to a new file then deletes
the cart from the audiowall)

| EXPORTRANGE Used to export a range of carts to a
specified Path using an optional FileName format
| EXPORTRANGETRANSPORT - Exports as Transport files
instead of audio files.
|

```

| Syntax: AUDIOWALL EXPORTRANGE
<StartCartNumber>,<EndCartNumber>,<Path>[,FiletitleFormat][,Newer][,<Modified
InLastHours>]
| Note: The audio will be exported in it's
current format into the specified path using the
| Default Export format or the
FileTitleFormat if specified.
| Normally it will overwrite any
destination files unless you specify the "Newer" flag
| in which case it will only overwrite
them if the content on the Audiowall is 'Newer'
| The <ModifiedInLastHours> option is a
number that will only export items modified within the specified
| number of hours of 'now'
|
| Examples:
| AUDIOWALL EXPORTRANGE
3001,3010,"c:\Exports","%CA %TI-%AR",Newer
| (Exports any newer carts in the range
3001-3010 to C:\Exports
| with the FileTitle "CartNumber
Title-Artist" and a suitable extension i.e. .WAV)
|
| AUDIOWALL EXPORTRANGE
1,9999,"c:\Exports",,,24
| (Exports any carts in the range 1-9999 to
C:\Exports using the default export format
| but only if they have been created/modified
in the last 24 hours)

```

```

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| PLAY Player[,Reference][,Sync] - Reference is the
Cart number, Sync is used to wait until the cart has finished playing.

```

```

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| CUE Player[,Reference]

```

```

-----
| RECUE Player[,Reference]

```

```

-----
| PAUSE Player

```

```

-----
| CLOSE Player

```

```

-----
| EJECT Player
-----

```

Example: `AUDIOWALL PLAY 1,3001,Sync`
 (This will play cart 3001 in player 1 and wait until
 it finishes

 | `ITEM` Applies to the specified item or the
 | highlit item if no Cart Numer supplied
 | `PREVIEW[,CartNumber]`
 | Previews the cart
 | `PREVIEWHOOK[,CartNumber]`
 | Previews the cart
 | `PREVIEWEXTRO[,CartNumber]`
 | Previews the cart
 |
 | *Examples:*
 | `AUDIOWALL ITEM PREVIEWHOOK,3001`
 | (This will play cart 3001 in the preview
 | player.
 | `AUDIOWALL ITEM PREVIEW`
 | (This will play the highlit cart on the
 | AudioWall in the preview player.

=====
 =====
COMMAND | Used to modify or run another Myriad Macro Command
 | Note: The Command Processor looks for matching Commands
 | in the following places in order:
 | `C:\Documents and Settings\All Users\Application`
 | `Data\P Squared\Myriad v3\Commands`
 | `C:\Documents and Settings\All Users\Application`
 | `Data\P Squared\Myriad v3\Profiles\<ProfName>\Commands`
 | `<MyriadDataLocation>\Commands`

 | `RUN <Command>` Loads and runs the specified
 | Command
 | Example: `COMMAND RUN`
 | `PlayNewsCart`

 | `DELETE <Command>` Permanently deletes the
 | specified Command
 | Example: `COMMAND DELETE`
 | `TempCommand`

 | `RENAME <OldCommandname>,<NewCommandName>`
 | Renames the Specified Command
 | Example: `COMMAND RENAME`
 | `MYCOMMAND,MYNEWCOMMAND`

=====

DASHBOARD | Used to control the Dashboard (Note: only available in Myriad Enterprise)

| Commands:

|

|

DUMPCURRENT Changes the ending of the currently playing item to a STOP and then ejects it

|

DUMPNEXT Soft deletes the next Item

|

DUMPLATER Soft deletes the 'later'y Item

=====

DATABASE | Used to affect the Database of Items stored in the Station Database. Only works if a Station Database is open

| Commands:

|

FILLFROMAUDIOWALL Fills the Database using Categorized carts from the AudioWall

|

REBUILDDECKS Rebuilds the Decks used by InstantTrack

=====

DEBUG/ | Used to change the debugging mode used when diagnosing problems. Any of the following syntax options will work.

DEBUGMODE/ | Commands:

|

OFF/NONE/0 Turn off debugging

| *MEDIUM/5* Medium debugging

| *ON/HIGH/MAX/10* Full debugging

| Example: *DEBUG MEDIUM*
| (*Sets Debugging mode to Medium*)
| *DEBUG 10*
| (*Turns Debugging mode to Full Debugging*)
| *DEBUG OFF*
| (*Turns off Debugging mode*)

=====

EXECUTE/ | Used to run an external (Windows) executable:
EXTERNAL | Note: This is similar to the "External" top level command type,
but you cannot specify the Priority

| Syntax: *EXECUTE WAIT|NOWAIT <Filename[Params]>*

| Example: *EXECUTE NOWAIT notepad.exe c:\myfile.txt*
| (*Loads notepad and displays the file*
myfile.txt)

| *EXECUTE WAIT MyProgram.exe MyParameters*
| (*Loads and runs MyProgram.exe and waits*
until it has completed)

=====

HARDWARE | Used to *Set/Clear/Flash/Pulse* a hardware line

| Example: *HARDWARE Pulse 12*
| (*This will cause line 12 to pulse*)

=====

INSTANTCART | Used to Play or Cue a specified Instant Cart

IC | Commands:

| *LOADSET Reference,SHARED/Private/NETWORK*

| *PLAY Reference[,Sync]*

| *CUE Reference*

| Example: *INSTANTCART PLAY 2,Sync*
| (*This will play Instant Cart 2 and wait until it*
finishes)

=====

LOG/ | Used to change the Log mode or move around in the log

QNX | Commands:

		<i>GO</i>	Move on to the next item in the Log
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		<i>OPENDATABASE</i>	Opens the specified Station Log.
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This command is ignored if QAE is running.
called OBITLOG)

			Example: <i>LOG OPENDATABASE OBITLOG</i> (Opens a Station Database
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play		<i>PRECUE</i>	Precues the next log item ready to
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playing item		<i>TOGGLEENDING</i>	Changes the ending of the currently
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playing item to a STOP and then ejects it		<i>DUMPCURRENT</i>	Changes the ending of the currently
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		<i>DUMPNEXT</i>	Soft deletes the next Item
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highlit item if no Reference supplied		<i>ITEM</i>	Applies to the specified item or the
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Previews the item			<i>PREVIEW[,Reference]</i>
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'Cuts' the item			<i>CUT[,Reference]</i>
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'Copies' the item			<i>COPY[,Reference]</i>
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'Pastes' the Cut or Copied item			<i>PASTE[,Reference]</i>
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'Swaps' the		<i>SWAP[,Reference]</i>	
Cut item with the highlit item			

Permanently		<i>DELETE[,Reference]</i>	
Deletes the item			

Deletes/Restores the item		<i>TOGGLEDELETE[,Reference]</i>	

Toggles the ending of the item		<i>TOGGLEENDING[,Reference]</i>	

		<i>VIEW</i>	Changes the Log View

		<i>HOME</i>	Jump to 'now'

nearest hour start		<i>NEXTHOUR</i>	Scroll up to

hour start		<i>PREVHOUR</i>	Scroll down to next

		<i>PAGEUP</i>	Scroll up one page

page		<i>PAGEDOWN</i>	Scroll down one

		<i>SCROLLUP</i>	Scroll up one line

line		<i>SCROLLDOWN</i>	Scroll down one

		<i>TOP</i>	Scroll to the Top

of the log.

		<i>JUMP,Reference</i>	Jumps to the
specified item in the log (v3.5.14 and higher)			
	<i>MODE</i>		Change QAE's running mode
		<i>HOURLMODE</i>	Change to the
original play mode for the current hour			
		<i>AUTOFADE</i>	Change to AutoFade
mode			
		<i>AUTO/AUTOMATION</i>	Change to Auto Mode
		<i>LIVE/LIVEASSIST</i>	Change to
LiveAssist Mode			
		<i>STANDBY</i>	Stop the Log
Running			
		<i>TOGGLE</i>	Toggles the mode
between Standby and the Hour's original mode			
		<i>Example:</i>	<i>LOG MODE LIVE</i>
mode)			(Changes the Station Log into "Live"
	<i>REMOVE</i>		Remove entries from the Scheduled
Log			
remove the currently running hour.			Note: You should be carefull not to
		<i>ALL</i>	Remove all entries

from the Log

```
REMOVE ALL | | Example: LOG
            | |
            | | (Removes all entries from the Log)
            | |
```

```
-----
- | | RANGE, StartDateTime, EndDateTime
  | | Remove entire
hours from the log from a start to an end date/time
  | | This uses the
standard P Squared Date and Time format.
```

```
REMOVE RANGE, nowdayT00:00:00, nowdayTnowhour | | Example: LOG
            | |
            | | (Removes all entries from the log from midnight
today upto and including the current hour.)
```

```
=====
ONAIR | Used to Take/Release 'On-air Control'
        | Commands:
        | TAKE/REQUEST Request/Take On-Air control
```

```
-----
        | RELEASE Release On-Air control
```

```
-----
        | MESSAGE Advanced: Sends a formatted
network message to the On-Air device being Controlled
        | Example: ONAIR Take
        | (Takes 'on air' control)
```

```
=====
PAD | Used to control the Pad
      | Commands:
```

```
-----
        | RUN [PLAY][,LOOP] "Runs" (Loads) the pad, and if
PLAY is specified starts the audio playing out.
```

```
-----
        | STOP [CLOSE] "Stops" the pad running, and if
CLOSE is specified ejects any playing audio
```

NEW Clears the pad list. This command is ignored if the Pad is running at the time.

LOAD <Filename>[,CURRENT|NEXT|<HH:MM>] "Loads" a pre-saved Pad list into the pad. The FileName can be an absolute or a relative path - if no drive letter or network share information is included then it is a path relative to the Myriad Data Location. If the log file is an Advert Log or Music Log, then the optional extra fields are used.

For Advert Log Files:
CURRENT only loads the current Advert Break (based on the exact current time, so this command can only be used during the exact minute of the advert break.
NEXT loads the next Advert Break listed in the log after the current time.
HH:MM will load a specific Advert Break (such as 02:30)

For Music Log Files:
CURRENT loads the entire "current" hour (based on the exact current time.
NEXT loads the entire of the next hour from the log.
HH:MM will load a specific Hour (such as 02:00)

Example: PAD LOAD
(Loads the specified file into the pad)
PAD LOAD
"Logs\my<PEP_DATE_YYMMDD>.log",CURRENT
(Loads the current hour from today's Music Log file)

SAVE <Filename> "Saves" the Pad to a file.

ADD <Reference> Adds the specified Cart to the end of the Pad List

ADDRANGE <StartRef>,<EndRef>[,MaxNumberToAdd] Adds up to [MaxNumberToAdd] carts to the pad from the specified range

3001,3099,10 | Example: PAD ADDRANGE
| (This adds no more
than 10 carts from the range 3001 to 3099)

| SHUFFLE | Shuffles the Pad List. No effect
if the Pad is running at the time.

=====

PLAYER | Used to *Play, Pause, Cue/Recue, Close/Eject* a cart in a player
| Commands:

| *PLAY* Player[,Reference][,Sync] - Reference is the
Cart Number, Sync is used to wait until the cart has finished playing.

| *CUE* Player[,Reference]

| *RECUE* Player[,Reference]

| *PAUSE* Player

| *TOGGLEPLAYPAUSE* Player - Toggles a player between
playing and paused

| *CLOSE* Player

| *EJECT* Player

| Example: *PLAYER PLAY 1,3001,Sync*
| (This will play cart 3001 in player 1 and wait until
it finishes

| *SETVOLUME* Player,Percentage
| *FADE* Player,NumberSeconds

| New commands added in v4.0.16:
| DUCK Player,DuckAmount%[,FadeDuration]
| UNDUCK Player,UnDuckAmount%[,FadeDuration]

| PREVIEWMODE Player,REQUEST|FORCE|CLEAR
| Controls if a player is in
Preview mode.
|
| REQUEST will only set Preview
mode if it is empty or when it becomes empty
| FORCE forces the player into
Preview mode immediately
| CLEAR clears Preview mode
immediately.

| TAGPLAYINGAUDIO Player
| Notes information about
currently playing audio into the Tagged folder
| If you specify ALL for the
Player then all items are tagged.

=====

RECORDER | Used to Record a new cart in a player
| Commands:

| RECORD [Reference][,LevelTrigger] - if no
Reference then uses first available in current user's range.

| PAUSE

| RESUME

| CLOSE Save

| CLOSE Discard

| CLOSE Prompt

```

-----
| Example:  RECORDER RECORD 3001
|           (This will start recording into cart 3001)
=====
SEGEDIT  | Used to manipulate the Segue Editor
| Commands:
-----
|           OPENDISPLAY
-----
|           CLOSEDISPLAY
-----
|           TOGGLEDISPLAY
-----
|           STEP
=====
SPLIT   | Used to send a split command to a Myriad Network system
|
| There are no specific commands pre-defined, all text after
the "SPLIT" prefix is forwarded straight
| onto the Myriad Network On-Air Controllers
=====
REM/    | Any text on this line will be ignored by the Macro Command
Processor.
REMARK/ | It is therefore ideal for leaving remarks to indicate what
the command is doing
| Example:
|           REM Don't forget that if you alter this command you
have to also update the other one
|           REMARK Last Updated in June
=====
WAIT   | Waits for a number of seconds
| Example:  WAIT 5.5
|           (this will wait for 5.5 seconds)
=====
WEB/    | Opens the Quick web browser and displays a specified file or
webpage
WEBBROWSER/ | Parameters: URL, Caption
WEBVIEW   | Commands:
|           VIEW           Display the given URL must
include the http:// prefix
| Example:  WEB VIEW http://www.pquared.net, P Squared's
Website
=====

```

=====

Serial:

Used to send a string out of a serial port attached to the local computer.

Example: Settings: 9600,n,8,1 No handshaking, Com Port 8
 String: ABCD1234567890

TCPIP:

Used to connect to a remote computer via a TCP/IP port and send a string of information

Example: Settings: Connect via TCP to 192.168.0.1
 String: ABCD1234567890