

Note: Functions displayed in red are linked to example pages.

Function	Description
AddClocking	Parameters: (Date, Clocking Time, Clocking Line Time, Direction) Adds a clocking in the processing queue. Use at the "Before Daily Processing" or "After Saving Daily Hours". Use 'I' or 'O' for the direction (including the single quotation marks).
AddDailyHours ()	Adds a new daily hours record at the specified embed point for the process of employees. Time categories and employee categories can be set before adding otherwise the existing processed values will be saved. When used at the embed point "After Saving Daily Hours", a payroll record will be added. When used at the embed point "After Saving Job Hours", a job record will be added.
ClearDailyHours ()	Clears the values of the existing hours record ready to be written. Use at the embed point "After Saving Daily Hours" or "At After Saving Job Hours".
Clock	Returns the current time on the PC.
CountClockings	Parameters : (Site,Emp,FromDate,ToDate,FromTime,ToTime,Options,Area) Counts the number of clockings for a single employee between a start point (fromdate, fromtime) and end point (enddate, endtime). The Options field is a 3 character string where; The first character determines the direction; I for In, O for Out or B for Both The second character determines the clocking type; M for Manual, B for Bulk, C for Clocked, or space for all. The third character determines the clocking scope; A for Access, P for Payroll or space for both The default - ' ' ' - (3 spaces between single quotation marks) will include all clockings. If the Area parameter is set, then only clockings going IN to that area will be counted. The value to be used is the "Area Number" The default ' ' ' (3 spaces between quotation marks) will be for all areas.
CountTime	Parameters : (Site,Emp,FromDate,ToDate,FromTime,ToTime,Options) Counts the actual amount of raw time for a single employee between a start point (fromdate, fromtime) and end point (enddate, endtime). The options field is a 3 character string where; The first character determines the time being included;

	<p>Note: <i>CountTime</i> is an older function that takes only 7 parameters. It is the same as <i>CountTime</i> parameter set as -1.</p>
<p>EmpInAt</p>	<p>Parameters : (Site, Emp, Date, Time) Returns 1 if the employee is clocked in at a specific date and time. Returns 0 if the employee is clocked out. Suggested variables to use include ProcessSite, ProcessEmp and ProcessDate.</p>
<p>GetAverageDailyHours</p>	<p>Parameters:(Site,Emp,FromDate,Todate,Rate,FromCat,ToCat,Step) Gets the average daily time worked by an employee between two dates.If Rate is left blank (ie 2 single quotes ") then all rates are included. The FromCat and ToCat parameters limit the time categories included. The Step parameter allows you to skip days. If Step is left blank (ie 2 single quotes ") then all days are included. Fromdate is set to a Monday, and you only want to average time worked on Monday's then Step to 7.</p>
<p>GetAveragePayrollHours</p>	<p>Parameters:(Site,Emp,FromDate,Todate,Rate,FromCat,ToCat) Gets the average weekly time worked by an employee between two dates.If Rate is left blank (ie 2 single quotes ") then all rates are included. The FromCat and ToCat parameters limit the time categories included.</p>
<p>GetEmpDailyHours</p>	<p>Parameters : (Site, Emp, FromDate, ToDate, Rate, Category) Gets the number of Daily Hours earned by an employee between two dates. If Rate is left blank (ie 2 single quotes ") then all rates are included. If the Category is left blank then all categories are included. The answer is returned in Standard Time Format. Suggested variables to use include ProcessEmp and ProcessDate as relevant variables. You should not include the ProcessDate in the date range above. However you can use dates relative to ProcessDate. For example yesterday is ProcessDate-1.</p>
<p>GetEmpHoursEx</p>	<p>Parameters: (Site, Emp, FromDate, ToDate, Rate, Category, Exclude,Rate) Where Exclude = ProcessDate the function will only return the total of any number of records for the specified period. Exclude = -1 will only return the total for process date. <i>Available from TNA 6.04k</i></p>
<p>GetEmpDailyHoursExpected</p>	<p>Parameters: (Site, EmpNo, FromDate, ToDate, IncludeLeave,EmpOverrideDailyShiftPattern) Where IncludeLeave = 0, the leave hours are not included into the calculation. Where IncludeLeave = 1, the calculation does include the leave hours. Where EmpOverrideDailyShiftPattern = -1, the calculation does not include the overrides. EmpOverrideDailyShiftPattern = 0 does include the overrides.</p>
<p>GetEmpHoursFieldValue</p>	<p>Parameters: (Site,EmpNo,Date,'string field') Returns the string value found in the following daily hours fields:</p>

	<p>'comment' = (DAI:Comment) 'clockings' = (DAI:Clockings) 'shift' = (DAI:Shift) 'timeslotcode' = (DAI:TimeSlotCode) 'stdhours' = (DAI:StdHours) 'user1' = (DAI:User1) 'user2' = (DAI:User2) 'user3' = (DAI:User3)</p> <p>If the field is blank it will return a string containing 'Field not found'.</p>
<p>GetEmpPayrollHours</p>	<p>The same as GetEmpDailyHours, but gets time from the Payroll Hours.</p>
<p>GetExpectedHours</p>	<p>Parameters : (Site, Employee, Date, StandardHours) Returns the Expected Hours for that employee for that week. If a specific record for an employee exists then that is used, if not the the shift setting is used. If the shift setting is blank then the parameter "Standard Hours" then the parameter StandardHours, as passed in, is passed in.</p>
<p>GetHolidayHours</p>	<p>Parameters: (LeaveType, Rate, Category, TimeSlotCode) Returns the holiday hours for a specific leave type, rate, time category and time slot code. If the TimeSlotCode is blank (or 0) then it will use the TimeSlotCode currently in use for processing. Suggested use is after the "At After Selecting Shift" embed point. If no record exists for the specified LeaveType on this TimeSlotCode, it will return 0 for "All Others" (i.e. 0).</p> <p><i>Available from TNA 6.04h.</i></p>
<p>GetRawClockings</p>	<p>Parameters: (Employee, From Date, To Date, From Time, To Time, Options) Returns the raw clocking times for the specified period. All options must be separated by a comma. If the options are blank, all clockings will be returned.</p> <p>Options are:</p> <ul style="list-style-type: none"> I - Suppress In O - Suppress Out M - Suppress Manual / Bulk D - Returns clockings for this device number e.g. D-2 will return clockings for device 2 J - Suppress Job clockings A - Suppress Access clockings H - Suppress Info clockings T - Suppress TNA clockings F - Time format for clocking times. Default format is the clo:time stored for the clocking TR - FromTime applied to FromDate and ToTime is applied to ToDate only. <p>each day.</p>

	<p>C - Comma separator in the returned string (default) P - Pipe () separator</p> <p>Example: GetRawClockings(processemp,processdate-1,processdate-1,06:00,1) return TNA clockings with the clocking directions as a string for yesterday between 6am and 6pm.</p>
IsOnLeave	<p>Parameters : (Site, Employee, Date) Returns the Leave Type if the Employee is on leave on the date. Returns 0 otherwise. Suggest ProcessSite and ProcessEmp for the employee currently being processed. Suggest ProcessDate for the date currently being processed.</p>
IsPublicHoliday	<p>Parameters : (Date, State) Returns a 1 if the date is a Public Holiday. Returns 0 otherwise. Suggest ProcessDate and ProcessEmp:state for the employee currently being processed.</p>
LineUsed	<p>Parameters : (Date) Returns the Line used for processing, for the same employee on a different process day. If the employee is currently on a different line then use UseLine.</p>
ProcessDay	<p>Parameters : (From,To, Site, Employee) Schedules a day, or range of days, for daily processing. Note that it only schedules processing, it doesn't do the processing. Be careful with this that you don't do a loop.</p>
ProcessWeek	<p>Parameters : (From,To, Site, Employee) Schedules a week, or range of weeks, for payroll processing. Note that it only schedules processing, it doesn't do the processing. Be careful with this that you don't do a loop.</p>
Today	<p>Returns the current date on the PC. Use ProcessDate if you need the date currently being processed.</p>
WeekEndDate	<p>Parameters: (TimelineCode, Date) Returns the payroll period end date for the specified date.</p>
<u>WriteError</u>	<p>Parameters : (Code, Description, Time, Type) Allows you to write an entry to the <u>Errors</u> file. You can write your own error code to a number between 100 and 255. The Type should be set to 'D' for a daily error, and 'S' for a payroll shift error. The Description, and Time are available for anything you want.</p>
<u>WriteWarning</u>	<p>Parameters : (Code, Description, Time, Type) Allows you to write an entry to the <u>Warnings</u> file. You can write your own warning code to a number between 100 and 255. The Type should be set to 'D' for a daily warning, and 'W' for a payroll shift warning. The Description, and Time are available for anything you want.</p>

Permalink: <http://tinyurl.com/loh2875>