# WRC update – 2022

## New requirement – allow directory names in Hebrew + On server – 18-19/11/22

Ideas about configurating directory:

1. Instead of manual definition – allow user to select directory by file dialog
2. Save the directory in a “config state” file
3. If no directory defined or the defined directory doesn’t exist – automatically open definition GUI.
4. Notice all this should work with UNICODE.

#### Fast minimal Implementation

Config.xml changes to be UNICODE text file.

It seems to work with Hebrew directory name.

Version changed to “v1.2.1.beta1”

## Bug report from Iris – 27/10/22

On loading old cases – there is a notice that the wage table is not initialized!

In the case of “Load From XML” –

If there was no definition of wage periods – wage was set to minimum, but the table not computed.

This was corrected – the table is computed on any entry to “load from XML”.

Version V1.2.0 beta2 is published for testing.

## Start checking v1.2.0 beta1 – 22/10/22

Scenarios to check:

1. Defining a single-period through “work period” dialog – all three types (Min, Monthly, Hourly)
2. Define multi-wage-periods through “wage periods” dialog
   1. Add periods
   2. Add beyond defined work period limits – should be automatically clipped
   3. Define periods that includes existing periods
      1. Exactly one
      2. Split an existing period with a new period in its middle
      3. Several periods
      4. Parts of periods

Try to challenge the system…

1. Change of work period after wage periods are defined
   1. Expand work period
      1. Before
      2. After
      3. Both
   2. Contract work period
      1. Reduce size of existing wage periods
      2. Wipe out complete period(s)
2. Save and restore all types of wage periods

Results to verify:

1. Final definition of wage periods in “save/Last” file
2. Wage table in “log”
3. Truthfulness of all wage-related computations
   1. In GUI
   2. In letters – Hebrew & English
   3. In logs
4. Same results on old cases if no new input
5. Same results on old cases if minimum wage is re-defined as wage periods

## Update wage table on each relevant input – 17/10/22

On end of special Dialog

On definition of single wage period in work period dialog

On definition of work period

## Add logs of wage periods and wage table – 17/10/22

Write it down to text file – so all can be verified!

Log is working and seems to be OK.

## Design question:

## Do I need wage table – or better work directly with Wage Periods?

Pro table:

1. Distance complexity of wage periods from all other computations
2. In wage periods there are two levels – as minimum wage enters another division to periods
3. Debug table computation separately from usage

Against table:

1. Less SW

Decision: Use wage table

## Add “Live In” option – 5/10/22

Need new check box in GUI – “Live In” condition for worker

If worker lives in, he is entitled to “extra hours” for working on holiday

## Continue with Wage Period – 5/10/22

What has to be done to finish definition?

1. Show wage period in main dialogue
2. Initiate all wage fields in Work Period Dlg
3. Response in wage periods when work period is changing

## Work on definition of wage periods – until 1/10/22

Done:

1. Wage class contains list of wage periods
2. Wage periods added from wage periods dialog GUI
3. Enable only current wage mode GUI

Next:

1. Unite consecutive identical entries
2. Handle single period definition from work-period dialog
3. Use wage periods for all relevant computations
4. Test all

## All holiday files updated with data for 2022 – 26/9/22

New files from Iris.

## Save only in XML – save to text is obsolete – 26/9/22

Keep “restore” from text for old compatibility (probably not used any more)

But no need for “restore from text:” for new features…

## Design for supporting user-defined Wage – 25/9/22

New class “C Wage” – with global object “g Wage”

The old global “g Min Wage” will be accessed only through “g Wage”

Question – special case for a single period?

OR –

Support it by holding a single “wage period” in the list?

In the GUI it is a special case – as it is simpler and is in the “Work Period” GUI.

SW support do not need special mode…

So, there is only one representation of wage-period – by the “C Wage Period” class

## Spec from Iris – 24/9/2022

תיקונים נדרשים למחשבון:-

1. אפשרות להכנסי שכר שונה משכר מינימום.
2. לגבי תשלום חגים בשנים עברו - אפשרות להכניס מס' שנים נפרדות עם מס' חגים נפרד בכל שנה

Different salary can be defined by user for different periods.