

# org-trello Manual

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Sync org-mode with Trello.com.

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Package by Antoine R. Dumont

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(See <https://github.com/daniel-birket/org-trello/tree/texinfo/texinfo>.)

This manual describes how to install and use the Emacs package org-trello, version 0.8.1, released 2018-03-18, written and copyright ©2013-2017 by Antoine Dumont, et al.

(See <https://github.com/org-trello/org-trello>.)

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# 1 Installing org-trello

Installing...

## 2 Connecting to Trello.com

Connecting...

## 3 Using org-trello

This section describes how to use org-trello after connecting an org-file to a board of Trello.com.

### 3.1 Summary of Key-Bindings

All default org-trello key-bindings use the “C-c o” prefix.

C-c o v      Display the version of org-trello.

### 3.2 Synchronization Functions

This section describes the synchronization functions.

**org-trello-sync-buffer**

Use “C-c o s” to sync the entire buffer to the Trello board.

Use “C-u C-c o s” to sync the entire buffer from the Trello board.



## 4 Frequently-Asked Questions

FAQ...

## 5 Troubleshooting org-trello

Troubleshooting. . .

## 6 Customizing org-trello

Customizing . . .

## 7 Contributing to org-trello

Contributing...

## Appendix A Release Notes

This appendix records the primary changes in each release of org-trello. Please see the repository (<https://github.com/org-trello/org-trello>) on GitHub for a more detailed history.

### A.1 Release 0.8.1

- Make adding trello colors to ‘org-tag-alist’ optional - Close #365
- Fix typo in link to issue tracker - Close #364
- Fix ci
- Fix user properties search in agenda view - Close #366 - Close #371
- Correct bad encoding of json encoded data.
- Update version
- Release notes

### A.2 Release 0.8.0

- Update travis ci configuration
- Fix ci’s multiple problems
- Fix some emacs25 incompatibilities
- Add copyright headers + update copyright range
- Add ‘kill-whole-line’ in bug report
- Upgrade version
- Release notes

### A.3 Release 0.7.9

- Fix problem with custom kill-whole-line properties - Close #270
- Fix problem with scheduled deadline - Close #326
- Upgrade version
- Release notes

### A.4 Release 0.7.8

- Fix cyrillic encoding problem - Close #318 #270
- Update version
- Sign tag release
- Release notes

## A.5 Release 0.7.7

- Rework packaging problem
- Add issue/pr templates
- Add request-backend to the org-trello-bug-report
- Update version
- Release notes

## A.6 Release 0.7.6

- Update version
- Support unicode characters in sync - Close #307 Close #309
- Fix parsing username comments - Close #301
- Fix parsing timestamp in superior emacs (api change)
- Update travis-ci scripts to use the new travis infrastructure
- fix broken tests (mock.el unit test library revealed broken tests)
- Fix problem with org-latex-preview when computing checksums - Close #303
- Do not permit empty login when installing access key and token - Close #314
- Upgrade dependencies version
- Pb with labels-tags regarding the grey - Close #310
- Improve documentation about the setup account - #306
- Release notes

## A.7 Release 0.7.5

- #290 - Toggling users assignments to card
- Add binding ‘C-c o t’ for the toggling command (code, doc, etc. . .)
- #293 - Add a basic user driven completing mechanism (default ido, possibility to use helm. . .)
- #291 - Improve labels policy [4/4]
  - Update api to retrieve more labels
  - Unify board information retrieval
  - Update show board labels with the new colors
  - Fix what went wrong (install existing board + create new one)
- Open a command to clean org-trello data in buffer
- Close board command
- Update version
- Release notes

## A.8 Release 0.7.4

- Improve release script + fix typo
- Update version
- Coverage [10/10]
  - stats-coverage.org for statistics (+ travis-ci/coverage.io)
  - Fix bug on org-trello-log namespace + org-trello-log
  - org-trello-input
  - org-trello-query
  - org-trello-proxy
  - org-trello-buffer
  - org-trello-controller
  - org-trello-data
  - org-trello-hash
  - org-trello
- #283 - Toggle assign me action
- Release notes

## A.9 Release 0.7.3

- Update version
- Close #277 - Improve date time policy conversion
- Improve release + upload to marmalade scripts
- Fix flycheck warnings
- Some refactoring
- Release notes

## A.10 Release 0.7.2

- Update version
- Close #276 - Markdown rendering in comments
- Add test coverage
- [internal] Full respect elisp convention
- Release notes

## A.11 Release 0.7.1

- Update version
- Close #272 - Use native completion mechanism
- Close #273 - Fix labels when installing board
- Close #271 - Make a user option for user to decide the policy about checksum and position
- Use improved native completin mechanism (again)

- Close #274 - Add ‘M-x org-trello-bug-report’ command
- Release notes

## A.12 Release 0.7.0

- Update version
- Close #238 - [internal] Respect elisp coding conventions [2/2]
  - Rename constants + variables
  - Rename entry points according to conventions + alias old definitions for backward compatibility
- Close #239 - Migrate ~/.trello/config.el inside user-emacs-directory
- Close #256 - one user can have multiple trello accounts [4/4]
  - Migrate the actual setup to the multi-account setup (transparent for user)
  - Update ‘org-trello-install-key-and-token’ command to create the account setup
  - Update the loading configuration mechanism multi-account aware
  - Make sure initializing org-trello account is ok
- Close #267 - Emptying card’s description does not work
- Remove too much verbosity (when deleting property checksum)
- Close #250 - Changing order of checklist items not saved unless checklist item’s text changed
- Release notes

## A.13 Release 0.6.9.6

- Create backlog
- Update version
- Fix #261 - Modifying/Adding labels ok, removing labels completely ko
- Fix #262 - Mix between user ids and user name when assigning card
- Release notes

## A.14 Release 0.6.9.5

- Create backlog
- Update version
- Fix marmalade’s release.sh script
- Fix #255 regarding the org tags/trello labels
- Release notes

## A.15 Release 0.6.9.4

- Update version
- Fix <https://github.com/org-trello/org-trello/issues/252>
- Release notes



### A.16 Release 0.6.9.3

- Create backlog
- Update version
- Problem in first comment point computation - Close #242
- Release notes

### A.17 Release 0.6.9.2

- Update version
- Clean dead code regarding old comments system
- Fix bug regarding comments indentation (breaking org rendering)
- Fix bug regarding empty card and next card indentation (breaking org rendering)
- Fix compile log warning about orgtrello-buffer depending on orgtrello-controller (wrong)
- Update README-dev.md
- Release notes

### A.18 Release 0.6.9.1

- Create backlog
- Update version
- Fix region computation problem regarding comments - <https://github.com/org-trello/org-trello/issues/232>
- Release notes

### A.19 Release 0.6.9

- Create backlog
- Update version
- Fix `#+property` keyword to `#+PROPERTY` - CLOSE <https://github.com/org-trello/org-trello/issues/234>
- Fix missing line on future org-mode 8.3 - CLOSE <https://github.com/org-trello/org-trello/issues/232>
- Release notes

### A.20 Release 0.6.8

- Create backlog
- Update version
- Edit comment direct in buffer - CLOSE <https://github.com/org-trello/org-trello/issues/221>
- Open binding ‘C-c o U’ for ‘sync a comment’ action
- Release notes

### A.21 Release 0.6.7

- Create backlog
- Update version
- Improve/Refactor the comment deletion
- Fix ‘orgtrello-buffer/pop-up-with-content!’
- Improve comment creation - CLOSE <https://github.com/org-trello/org-trello/issues/222> [2/2]
  - Add checksum to the comments
  - Improve comment creation
- Release notes

### A.22 Release 0.6.6

- Create backlog
- Update version
- Delete comments - CLOSE <https://github.com/org-trello/org-trello/issues/222>
- Clean no longer used show comments commands + install the delete comment command
- Release notes

### A.23 Release 0.6.5

- Create backlog
- Update version
- Maintenance - Revert tests back to ert-deftest to have more explicit error outputs
- Fix unit tests
- Fix CI which does not break when failure or error.
- Format user’s comments in a readable format - <https://github.com/org-trello/org-trello/issues/218> [2/2]
  - Update the comment’s format according to <https://github.com/org-trello/org-trello/issues/218#issue-48750430>
  - Update the ‘org-trello/add-card-comment’ command to improve creating comment
- Release notes

### A.24 Release 0.6.4

- Minor change to allow abbreviated file path - <https://github.com/org-trello/org-trello/pull/213>
- Update version
- Move file list functionality to org-trello.el - CLOSE <https://github.com/org-trello/org-trello/issues/214>
- Add `;;###` autoload for the org-trello’s default commands
- Release notes

### A.25 Release 0.6.3

- Update version
- Enable org-trello mode automatically for certain files - <https://github.com/org-trello/org-trello/issues/210>
- Release notes

### A.26 Release 0.6.2

- Backlog
- Update version
- Improve check connection to trello
- Improve documentation about the org-trello setup
- Release notes

### A.27 Release 0.6.1

- Update version
- ‘Trello archived’ cards are not archived on org-trello buffers - CLOSE <https://github.com/org-trello/org-trello/issues/203>
- Release notes

### A.28 Release 0.6.0

- Refactor - Unify data structure between trello card and org-trello card
- Refactor - Improve merge computations
- Refactor - Remove some dead code
- Update version
- Improve sync request policy - <https://github.com/org-trello/org-trello/issues/58> [87%]
  - ‘Sync card to trello’ syncs card only if local changes
  - ‘Sync card from trello’ updates the card from trello and the local checksum signature
  - ‘Sync buffer from trello’ updates the local card checksum
  - ‘Sync buffer to trello’ syncs only card with local changes
  - ‘Delete entity’ updates the checksum
  - Extend the checksum system to the checkbox entities (checkboxlist/item) - sync to trello
  - Extend the checksum system to the checkbox entities (checkboxlist/item) - sync from trello
  - Update checksum computation depending on entities
- ‘Checklists don’t work for me’ - It does work - Need to improve checklist and item predicates. - CLOSE <https://github.com/org-trello/org-trello/issues/204>
  - Fix behavior

- Fix tests
- Release notes

## A.29 Release 0.5.9

- Backlog
- Update version
- Improve region card computation for sync card from trello.
- Fix error on sync card from trello when nothing to sync.
- Use defcustom instead of defvar for user customisation - CLOSE #196 (<https://github.com/org-trello/org-trello/issues/196>)
- When not in card, explain why you cannot do the current action
- Improve display of error when sync a card without title
- Check package installation and fix what's needed
- Release notes

## A.30 Release 0.5.8

- Backlog
- Update version
- Add emacs24 dependencies - <https://github.com/purcell/org-trello/commit/0fef27e83d5b1c68af03213354ddd97448c802d2>
  - [http://www.gnu.org/software/emacs/manual/html\\_node/elisp/Library-Headers.html#Library-Headers](http://www.gnu.org/software/emacs/manual/html_node/elisp/Library-Headers.html#Library-Headers)
  - <http://stackoverflow.com/questions/16805645/how-can-i-gracefully-drop-support-for-older->
- Downgrade request dependency to 0.3.1 to make org-trello installation possible in melpa-stable (no answer from 'request' maintainer) + <https://github.com/org-trello/org-trello/issues/195>
- Release notes

## A.31 Release 0.5.7

- Backlog
- Update version
- Fix default keyword when not specified (trello list name) - #183 (<https://github.com/org-trello/org-trello/issues/183>)
- Remove reference to proxy in log messages
- Sync buffer from trello - Ignore errors when there is nothing to sort.
- Sync buffer from trello - Fold buffer entries when done.
- Fix bug on (orgtrello-entity/compute-card-region!)
- Release notes

### A.32 Release 0.5.6

- backlog
- Update version
- Use save-excursion - save-restriction - narrow-to-region instead of using region
- Fix behavior orgtrello-buffer/end-of-line! When going to end of line in checkbox, we need to do it twice, fix.
- Small refactoring about overlays
- Release notes

### A.33 Release 0.5.5

- Backlog
- Update version
- Update main github's readme to static link to the main documentation site.
- Update bindings order to regroup them
- Add bindings for archiving cards 'C-c o A'
- Remove old bindings 'C-c o C' that synced the card.
- Update bindings 'C-c o A' to add comments to the card to 'C-c o A'
- Update bindings to show comments as 'C-u C-c o A' and remove the old one 'C-c o o'
- Check everything is ok from test point of view
- Fix Synchronization problem - #183
- Some refactoring to reduce multiple buffer readings
- Check package installation
- Release notes

### A.34 Release 0.5.4

- Backlog
- Archive cards - CLOSE #181
  - Open trello api about (un)archive card
  - Refactor API to factorize behavior
  - Install org-trello archive binding [100%]
    - Archive card interactive command
    - Ensure sync-from trello does not retrieve archive cards too
    - Remap org's default archive binding 'C-c \$' to use org-trello's
    - Functional checks before executing archive
    - Add Archive DONE cards interactive command
- Fix 'Most actions not working' issue - CLOSE #192
- Update version
- Fix compilation warning(s)
- Release notes

### A.35 Release 0.5.3

- Backlog
- Emacs blocks when sync - CLOSE #164 - Deferred the sync/delete actions [100%]
  - Align execution of code regarding [100%]
    - Sync to
    - Sync from
    - Delete
  - Render the execution asynchronous [100%]
    - Delete
    - Sync card to trello
    - Sync buffer to trello
    - Sync card from trello
    - Sync buffer from trello
  - Fix alignment problem (sync a card from trello must enforce order on position)
  - Remove dead code
  - Refactor behavior between sync card and sync buffer [100%]
    - Refactor behavior
    - Refactor names
  - Trigger save after sync action - cannot do this because all requests are asynchronous. So emacs will do it on his own.
  - Caret must remain where it stands after '**sync from card**' action
  - Fix - Keep the order when synchronizing the buffer
  - Improve orgtrello-controller/do-install-key-and-token
  - Improve org-trello/install-board-and-lists-ids [100%]
    - Let trello do the filtering on listing the boards
    - Resequence the actions and use parallel requests to improve speed
    - Improve some more regarding the sequencing
  - Improve org-trello/update-board-metadata [100%]
    - Rework the sequencing
    - Remove intermediary sync request
  - Clean new dead code
  - Improve orgtrello-controller/do-create-board-and-lists [100%]
    - Rename org-trello/create-board to org-trello/create-board-and-install-metadata
    - Resequence the trello requests
    - Clean up some dead code
- Fix caret movement problem (At the end of an action, the caret must be at the same position as before)
- Improve logging system to prefix org-trello message with 'org-trello -'

- Fix create board issue (regarding org keyword list + order + closing list)
- Rename org-trello/install-board-and-lists to org-trello/install-board-metadata
- Rename org-trello/jump-to-card to org-trello/jump-to-trello-card
- Update package doc installation in org-trello.el
- Check package dependencies and adapt them if need be
- Fix problem with org-trello/end-of-line! when there is no org information at point
- Update version
- Release notes

### A.36 Release 0.5.2

- Remove org-trello's over engineered bricks (proxy, elnode, webadmin) -> this will render it synchronous again. [100%]
  - Is proxy useful since emacs still blocks? -> The only thing interesting seems to be the ability to watch running actions. As no one seem to care about it, we can remove it.
  - Can't we simply use 'deferred (or 'async library) to defer computations? -> Yes, building actions (sync, delete) as 'lazy' list (macro) of deferred computations.
  - What about concurrency then? There will be indeed possibilities of concurrent requests.
  - What about race conditions then? We need to find a way to compose deferred computations -> deferred (<https://github.com/kiwanami/emacs-deferred>) seems able to do so
  - Remove db dependency
  - Remove elnode dependency
  - Remove esxml dependency
  - Remove orgtrello-db.el
  - Remove orgtrello-webadmin.el
  - Remove orgtrello-elnode.el
  - Remove orgtrello-server.el
  - Clean orgtrello-proxy.el up
  - Get back to synchronous query (sync to + delete)
  - Get back to synchronous query for sync from trello routines
  - Clean load-org-trello.el up
  - Update README-dev.md about namespace removal
  - Fix loading of load-org-trello.el code
  - Clean tests up
  - Update org-trello package
- Fix bug regarding sync-entity and structure (apparently, there is a bad limit computation and this syncs the all buffer)
- Fix save buffer at the end of the sync actions

- Clean README-dev.md about marmalade
- Update dependencies version
- Now that elnode, esxml, db dependencies' are out of the way, org-trello can be fully built on melpa-stable.
- Update version
- Clean dead code
- Release notes

### A.37 Release 0.5.1

- Remove marmalade remains (release.sh + Makefile)
- Small refactoring of the main contract
- Fix bad code (typo caddr)
- Update version
- Release notes

### A.38 Release 0.5.0

- Revert 0.4.9 #187 which introduced regressions #186#issuecomment-52423783 and maybe #185
- Retrieve interesting code from 0.4.9 (for example, start proxy during actions if stopped and warn about it, etc. . .)
- Update version
- Release notes

### A.39 Release 0.4.9

- Backlog
- Emacs blocks when sync - #164
  - deferred dependency - 0.3.1 chosen because it's the common denominator between marmalade and melpa
  - Render the data request consumer asynchoneous
  - . . . emacs still blocks though. . .
- Sometimes the proxy seems to not be started (which is a mess), add a check on the running proxy before doing anything. - #180
- During the check of the proxy, if not started, try to start it.
- Update version
- No longer deliver to marmalade (too much work)
- Release notes



### A.40 Release 0.4.8

- Backlog
- mad caret syndrom - Close #177
  - mad caret - fix sync to
  - mad caret - the caret does not move even when sync computation takes place
  - mad caret - fix sync from
- Upgrade version
- Update release notes

### A.41 Release 0.4.7

- Backlog
- Improve the description management in org and trello - #89 #175
- Revert to the block json-encode-hash-table
- Upgrade version
- Update release notes

### A.42 Release 0.4.6

- Prepare Backlog
- Fix - CLOSE <https://github.com/org-trello/org-trello/issues/172>
- Fix - prelude does some monkey-patching on json-encode-hash-table which is used by org-trello - reimplement this function
- CI is broken again - Try to find a solution
- Update version
- Update release notes

### A.43 Release 0.4.5

- Backlog
- 'Sync from trello' must preserve unknown data card in drawer - CLOSE #167
  - Extract unknown information and store them in org entity representation
  - Ensure those data transit back in trello data when merging
  - Write back those unknown information in the sync from trello
- Update version
- Release notes

### A.44 Release 0.4.4

- Multiple files packaging - CLOSE #163
  - Move src/\*.el files to /org-trello
  - Add 'provide statements for each of those files
  - Rework header + org-trello + footer files

- Adapt main org-trello.el files to reference the needed namespaces
- Adapt test files so that it continues to work (add the needed require statements)
- Adapt loading code routine for developing + testing
- Refactoring step - rename some files to avoid confusion
- Adapt README-dev.md to the current code adaptation
- Adapt cask packaging
- Add missing standard header to namespace
- Does org-trello still compiles? NO
- Fix simple compilation warnings
- Fix some more warnings
- Does org-trello's test work? YES
- Does org-trello work? NO
- Doc - Update docstring to standard emacs convention
- Fix org-trello to make it work again
- Test package melpa install (adapt org-trello recipe and test M-x package-install-file) - <https://github.com/ardumont/melpa/blob/org-trello-with-multiple-files-packaging/recipes/org-trello>
- Test package marmalade install
- Fix org-trello behavior with overlay on org-return and org-ctrl-c-ret
- Update version
- Release notes

### A.45 Release 0.4.3

- Prepare backlog
- Replace local back-end (file implementation) with a RAM database [100%]
- Update README-dev.md about the new db namespace
- Remove some useless new code
- Improve start/stop server policy (one server may sync multiple buffers/boards... and right now, not really taken into account)
- Clean dead code from the implementation switch from implicit disk files db to RAM db [100%]
- Improve start/stop server policy 2
- Some Refactoring
- Version
- Release notes

### A.46 Release 0.4.2

- Refactoring - Remove dead code
- Refactoring - Remove duplicated code already existing in dependency library

- Improve - Fold all entries when sync full file from trello is done
- Improve loading org-trello namespaces for dev purposes
- Version
- Release notes

#### **A.47 Release 0.4.1.1**

- Remove non interactive commands
- Create board does not work - Close #157
- Improve loading keys policy - #156
- Use cask to make the packaging and remove old personal routines
- Version
- Release notes

#### **A.48 Release 0.4.1**

- Fix deadline/description problem - #154
- Fix deadline/due date problem - #153
- When sync from trello, merge non trello org tags with trello tags (to avoid loss for the user)
- When sync to trello, filter out org tags that will not be understood by trello (to avoid 400 request from trello)
- Add the quick start in the main package description
- Version
- Release notes

#### **A.49 Release 0.4.0.1**

- Fix 'Sync doesn't work if org buffer name contains special characters' - Close #147
- Version
- Release notes

#### **A.50 Release 0.4.0**

- Refactor
- Fix - Close <https://github.com/org-trello/org-trello/issues/145>
- Remove unused dependency
- Update README-dev.md
- Version
- Release notes

### A.51 Release 0.3.9

- Refactor - Symmetry for all commands where that makes sense (without C-u/with C-u)
- Refactor - Enforce the api request creation usage with the params as usual
- Let trello filter out needless data - CLOSE <https://github.com/org-trello/org-trello/issues/69>
  - Let trello filter out needless data - get card
  - Let trello filter out needless data - get checklist
  - Let trello filter out needless data - get item
- Upgrade Version
- Release notes

### A.52 Release 0.3.8

- Some refactoring
  - Align sync from trello card tags/labels serialization with org's tags behavior
  - Refactor open org-trello buffer with title/content
  - Sanitize functions (move functions to their right namespaces)
  - Do not override the user's existing tags
- Provide org-trello-mode-hook - CLOSE <https://github.com/org-trello/org-trello/issues/116>
- Open stop all synchronization actions - CLOSE <https://github.com/org-trello/org-trello/issues/131>
- Use C-u keychord to create a symmetry use (e.g. =C-c o s= is sync to trello, 'C-u C-c o s' is sync from trello)
  - sync-buffer, sync-to-trello, with C-u, sync-from-trello
  - assign-me, with C-u, unassign me
  - A command to 'sync from trello' the current entity without its structure - CLOSE <https://github.com/org-trello/org-trello/issues/139>
  - Use C-u on sync-entity-to-trello command to trigger the sync-entity-from-trello
  - A command to 'sync from trello' the current entity and its structure - CLOSE <https://github.com/org-trello/org-trello/issues/140>
  - Use C-u on sync-entity-and-structure-to-trello command to trigger the sync-entity-and-structure-from-trello
- Some more refactoring
- Fix bug regarding org keywords which disappeared
- Version
- Release notes

### A.53 Release 0.3.7

- Use 'defconst' keyword instead of defvar

- Use trello labels and org tags as one - CLOSE <https://github.com/org-trello/org-trello/issues/70>
- Refactor + Fix create / connect to board
- Update metadata command about the board currently connected (sometimes, new information arise)
- Release notes
- Version

### A.54 Release 0.3.6.1

- Fix already used bindings
- Fix edge case about adding comments
- Version
- Release notes

### A.55 Release 0.3.6

- Test multiple emacs version - <https://github.com/org-trello/org-trello/issues/52>
- Add a logo to website - <https://github.com/org-trello/org-trello/issues/129>
- Synchronize user comments - <https://github.com/org-trello/org-trello/issues/86>
- Add a comment to a card - <https://github.com/org-trello/org-trello/issues/132>
- Take control over the test file which is now too big (dispatch in 'namespace' test buffer)
- Version
- Release notes

### A.56 Release 0.3.5

- Test multiple emacs version - <https://github.com/org-trello/org-trello/issues/52>
- Version
- Update documentation note for the package view
- Release note

### A.57 Release 0.3.4

- PR fix typo in readme - <https://github.com/org-trello/org-trello/pull/120>
- Fix webadmin button to delete running action
- Add version emacs 24.3.50 in documentation
- Improve computation level for checkbox (checkboxlist/items) - <https://github.com/org-trello/org-trello/issues/121#issuecomment-37559929>
- Improve documentation

- Upgrade version
- Release notes

### A.58 Release 0.3.3

- Issue when installing on melpa reported wrongly on melpa and reported back <https://github.com/org-trello/org-trello/issues/117>
- Fix typo when-let in -when-let
- Remove org as a dependency, the plugins org- do not seem to declare it + problem in dependency
- Upgrade to dash 2.5.0
- Clarify the possible manipulation to install the package as a file or directly from the multiple repository
- Integration test to install the file with marmalade
- Integration test to install the file with melpa
- Integration test to fully install the package on marmalade
- Integration test to fully install the package on melpa
- Update README-dev.md about those targets
- Decline these tests with multiple emacs versions
- Use these targets on travis (even if the feedback will be way longer, it's better than no feedback)
- Upgrade version
- Ensure org-trello works with emacs 24.4 (how do i install it. . .)

### A.59 Release 0.3.2

- Use standard remapping to override the org-end-of-line routine - [https://www.gnu.org/software/emacs/manual/html\\_node/elisp/Remapping-Commands.html](https://www.gnu.org/software/emacs/manual/html_node/elisp/Remapping-Commands.html)
- Clean some dead code
- Use standard mode map definition for the org-trello bindings
- Fix description extract - <https://github.com/org-trello/org-trello/issues/114>
- Version
- Release notes

### A.60 Release 0.3.1.1

- Installation failure - <https://github.com/org-trello/org-trello/issues/112>
- Version
- Release notes

### A.61 Release 0.3.1

- Backlog
- Version
- Avoid duplication in declaring the org-trello version
- Add the important information about emacs 24.3+ (org-trello is only supported from this version range)
- Clean the code regarding the old checklist/item entities (with stars) - <https://github.com/org-trello/org-trello/issues/105>
- Sometimes, multiple cards are created more than once. Improve the proxy policy regarding this - Unable to reproduce so do nothing.
- Release notes

### A.62 Release 0.3.0

- Backlog
- Upgrade Version
- org-trello bindings remains present when org-trello is switched off. Fix it.
- Update doc
- Release notes

### A.63 Release 0.2.9.1

- Forgot to ship code
- Update version
- Release notes

### A.64 Release 0.2.9

- Remove org-trello.el at the root of the code (as the package generates this file and the test load without it, no longer needs to be gitted)
- Invisible checkbox identifier - <https://github.com/org-trello/org-trello/issues/98>
- Fix sync from trello which loses the state of the checkboxes
- Fix tests break since org-trello.el has been destroyed and simplify the testing
- Overload the C-e mapping to go at the end of the line for the org-trello mode
- Update doc
- Release notes

### A.65 Release 0.2.8.2

- Fix yet another error on synchronization from trello.
- Update doc
- Release notes

### A.66 Release 0.2.8.1

- Fix error on synchronization from trello
- Update doc
- Release notes

### A.67 Release 0.2.8

- Backlog
- Synchronize description - <https://github.com/org-trello/org-trello/issues/80>
- Use `--reduce-from` from dash instead of `cl-reduce` to reduce the cl deps
- Version
- Update doc
- Release notes

### A.68 Release 0.2.7

- Backlog
- Create TODO template for the backlog start
- Clean obsolete files (org-trello.org is no longer maintained, TODO-tests.org is no longer used)
- Retry to split into ‘namespace’ files - <https://github.com/org-trello/org-trello/issues/93>
  - Split into ‘namespace’ files
  - Ensure packaging is generated and ok for marmalade
  - Ensure packaging is generated and ok for melpa - yes, ensure that the root ‘org-trello.el’ is generated before pushing on master.
  - Ensure the tests are still ok
- README-dev - <https://github.com/org-trello/org-trello/issues/99>
- Rewrite the abstraction around fetched results to unify the ‘data model’ (in and out identical) - <https://github.com/org-trello/org-trello/issues/100>
- Unify the terms around users-assigned (org-trello) and members (trello)
- Split the last org-trello namespace into 2 (‘controller’ for the orchestration function call triggered by interactive commands and ‘org-trello’ for the interactive commands)
- Unfold every entries before triggering the sync from trello to avoid problems similar as <https://github.com/org-trello/org-trello/issues/53>
- Version
- Release notes

### A.69 Release 0.2.6

- Jump to card - <https://github.com/org-trello/org-trello/issues/88>
- Rewrite convention for the "goto board" action into "jump to board"
- Update README.md



- Version
- Release Note

### A.70 Release 0.2.5

- Backlog updates
- Global properties in upper case - <https://github.com/org-trello/org-trello/issues/83>
- Hide the global properties - <https://github.com/org-trello/org-trello/issues/77>
- Use of checkbox convention - <https://github.com/org-trello/org-trello/issues/78>
- Jumping from emacs to the current trello board - <https://github.com/org-trello/org-trello/issues/76>
- Simplify the update of the help menu to avoid possible desynchronisation with code
- Update documentation + TOC
- Version
- Release notes

### A.71 Release 0.2.4

- Sprint backlog
- Some refactoring + tests coverage
- Fix sync-from-trello - Merge org card's users assigned list and the trello one
- Fix sync-from-trello - if new entities are referenced but not yet sync'ed on trello, they will disappear from the buffer when sync-from-trello (they should not) - <https://github.com/org-trello/org-trello/issues/71>
  - Compute the entities without sync'ed properties
  - Write them silly at the end of the computation of the sync'ed data (trello and org merge) to the org buffer
- Upgrade version
- Release notes

### A.72 Release 0.2.3

- Version
- Fix discrepancy between docstring and binding to delete the setup - <https://github.com/org-trello/org-trello/issues/74>
- Use a prefix binding which does not override the emacs's default user prefix (keep the original for the moment to avoid disturbing people which already use it) - <https://github.com/org-trello/org-trello/issues/72>
- Update documentation about the possibility to change the default prefix key
- Fix ci-travis build due to change in cask installation command
- Release notes

### A.73 Release 0.2.2

- Version
- Improve abstraction around data from trello (not complete yet)
- Show people assigned to card - <https://github.com/org-trello/org-trello/issues/67>
  - Compute user properties part from the board's informations
  - Install board setup routine (C-c o I) also install board users
  - Create board routine (C-c o i) should also install user boards (only the current user should then appear)
  - Setuping properties before doing any actions
  - Cleanup routine should also remove user global properties
  - User assigns oneself to the card
  - User unassigns oneself to the card
  - sync-to-trello also assign users
  - sync-to-trello also unassign users
  - sync-from-trello also retrieve user informations and update the org buffer
  - cleanup routine must cleanup card properties regarding user assigned
- Update README about new command
- Update README TOC
- Release notes

### A.74 Release 0.2.1.2

- Version
- Release notes
- Fix typography in naming windows-nt system

### A.75 Release 0.2.1.1

- Version
- Release notes
- Fix error in packaging manipulation

### A.76 Release 0.2.1

- Version
- Improve sync from trello - In case of new item/checklist, the entry will be added at the end of the buffer instead of its rightful place.
- Problem regarding some function on windows system - <https://github.com/org-trello/org-trello/issues/62>
- Release notes

### A.77 Release 0.2.0

- Version
- Improve cleanup of the org-trello metadata
- Videos about org-trello
  - Webadmin
  - Checkbox
  - Sync from trello
  - Cleanup trello board
  - Cleanup org-trello buffer
- Reference videos to README
- Improve sync to trello
- Release notes

### A.78 Release 0.1.9

- Clean install org-trello
- Ensure sync-from-trello keep the order of the checklists clean
- Version
- Release notes

### A.79 Release 0.1.8

- Simplify Cask file
- webadmin: Improve rendering [2/2]
  - Better display for the delete buttons.
  - Use css for the play/pause entities
- Ensure checks before sync request to the proxy.
- Fix sync full entity (related to map-checkbox) - <https://github.com/org-trello/org-trello/issues/53>
- Improve the justify policy once and for all (this blinks at the moment!)
- Version
- Fix problem with archive/unarchive file routine
- Fix problem with delete file routine (does not take place)
- Add missing callback for the delete action
- Improve the post-actions
  - Justify once
  - Saving once
  - Unify the saving behaviour with the delete action

### A.80 Release 0.1.7.1

- Fix problem requiring cl-lib - <https://github.com/org-trello/org-trello/issues/51>
- Fix error on when-let - <https://github.com/org-trello/org-trello/issues/54>
- Version
- release notes

### A.81 Release 0.1.7

- webadmin: Add an action button on action to stop it
- webadmin: Add an action button to stop every running actions on entities
- URLEncode/Protect the data from the query before executing the query - <https://github.com/org-trello/org-trello/issues/46>
- Some refactoring about:
  - Docstring position (same level as function definition, this way, when toggling sexp, we see the docstring too)
  - Simplification of cond statement
  - Adding some missing tests
  - Simplifying some code function (removing let when not needed)
- Fix the scan problem with level 3 (must have been introduced with the refactoring from number to variable level)
- Remove the marker notion and use the identifier in its place (we already use it as marker)
- Fix the :PROPERTIES: font lock (which is not painted as keyword)
- Improve the justify policy (trim the content before computing the justifying) -> There remains erratic behaviour
- Improve map-checkbox to deal with limit (map over checkbox inferior to current level, at the moment, we scan all checkboxes)
- Version
- Release notes

### A.82 Release 0.1.6

- Use the native org checklist to sync to trello
- Sync entity and arborescence tree
- Sync to trello must sync the native checklist if the flag is activated
- Sync from trello must create native checklists if the flag is activated
- Cleanup routine must cleanup the new checklist.
- Delete entity must remove entity on point
- Upgrade version
- Automate the release to marmalade
- Justify the #PROPERTIES# to the left for a better rendering

- Keywordify the #PROPERTIES#
- Merge the org :PROPERTIES: and the org-trello #PROPERTIES# into one.
- Improve the activation/deactivation of the new way
- Update the readme about the new checkbox mode
- Release notes
- Release

### A.83 Release 0.1.5

- Symmetry in the architecture - the deletion must pass through the consumer too.
- Upgrade version
- webadmin: Improve the rendering of the webadmin page to add headers and action
- webadmin: Add a current scanning entry in the webadmin page
- Defining log level using variable
- Redefine main function to sync an entity (they are badly named).
- Release notes
- Release

### A.84 Release 0.1.4

- Prepare the hierarchy files to avoid problem like <https://github.com/org-trello/org-trello/issues/37#issuecomment-23151353>
- Adding a version interactive command (it will help for asking people the version they use).
- Upgrade version
- Refactoring - simplify code
- Improve message labels
- Improve failure dealing regarding the sync
- Improve the marker computation
- Remove the label/title notion and use the name notion (same as trello), this will reduce error reasoning.
- Fix the format with missing argument on the callback sync success
- Improve the test regarding the synchro completion of a level
- Order when syncing to trello
- Release notes
- Release

### A.85 Release 0.1.3

- Leverage elnode's webserver capacity to display some basic monitoring about the synchronization
- Install bootstrap and jquery.js directly to avoid the user's manual installation (the first query to static files install bootstrap and jquery now)

- Simple end to end test - simple entity creation
- Improve the logging policy
- Improve the saving policy
- Upgrade version
- Release notes
- Release

### A.86 Release 0.1.2

- Use an intermediary server between org and trello to permit asynchronous actions
- Change org-trello's loading policy + update the readme about it
- Find a way to make the proxy less verbose
- Fix the loss of todo keywords after the synchronization -> no idea what's wrong here
- Improve the attachment board routine to add the missing | keyword (hardcode with DONE for example)
- Improve the clearing of already present heading metadata
- Improve the help message to categorize the bindings
- Improve the starting/stopping of org-trello
- Remove end to end test as this can no longer works with asynchronous
- Update the readme to explain the migration from 0.1.1 to 0.1.2
- Render the sync to trello routine asynchronous
- Render the sync complex entity routine asynchronous
- Render the sync from trello asynchronous
- Fix check setup routine
- Interactive command to cleanup the org-trello data from the current buffer
- Interactive command to delete all entities from the board and the org buffer
- Update version
- Release notes
- Release

### A.87 Release 0.1.1

- Literate org-trello
- Testing the packaging, at the moment, this is done manually (make package & M-x package-install-file)
- Introducing C-c o h at the loading of the buffer when ot is loaded
- Update readme/main page with images on videos
- Replace already present properties regarding boards before injecting new ones.
- Improve the current attach board and list routine to avoid manual setup for the user
- Update version
- Update dependencies lib to more recent version.

- Remove some warnings
- Add some message for the user to warn the user to use UTF-8
- Force utf-8 for the routine of board installation (create aend attach)
- Some more refactoring
- Refactoring: formatting code, install consume-key and access token routine improved, ...
- Refactoring: UTF-8 warning for every routine + Forcing UTF-8 at setup time (create board and attach board routine)
- Refactoring: Adding ^L break line inside the code to delimit the ‘namespace’
- Refactoring: Improve the callback use by avoiding to specify them
- Refactoring: Restart org-mode after synchronization to avoid losing the user’s setup.
- Refactoring: Fix some problems (version, checklist mechanism update, warning on format, create complex entity which sync only the current entity)
- Release notes
- Release

### A.88 Release 0.1.0

- Fix importing of cards with due date - <https://github.com/org-trello/org-trello/pull/22>
- Migrate carton to card.el (travis-ci builds break because of this)
- Order of creation of list (from keywords) in trello does not match the order of the keyword
- Abstract away the query (:method, :uri, ...) implementation
- Abstract away the implementation of the org-data some more (access of the information from the map are embedded in the function instead of delegating to dedicated function, thus not hiding the implementation)
- Version
- Order when synchronizing from trello does not match trello’s order
- Refactor the sync from trello routine function (2 reduce embedded, only one is sufficient)
- Enforce the order of the card accord to the org keywords after dumping the new entries from trello
- Abstract away the return data from the http request
- Update org version to the latest stable
- Release notes

### A.89 Release 0.0.9

- Update videos with the new features in the readme
- Fix bug regarding the saving buffer routine
- Refactoring action code regarding the message to display in the minibuffer (ATM we do not see what is done or not any longer)

- Refactoring the http and http-sync functions
- Improve the delete entity action by forcing the caret to go at the begin of the line of the heading before killing anything.
- Update version
- Release notes

## A.90 Release 0.0.8

- Fix the cl-lib dependency
- Improve the message when an action is done to let the user know when the action is done!
- Better saving buffer policy
- Sync org DEADLINE with trello card due - <https://github.com/org-trello/org-trello/issues/17>
- Done, Todo on "check lists" - Once the user sets a "check list" to DONE or TODO, then check or uncheck all the tasks it contains. - <https://github.com/org-trello/org-trello/issues/16>
- A simple and parametrable setup to make the user choose to use the checklist system or not
- Upgrade version
- Release notes
- Release
- Update documentation about deadline, checklist
- Cleanup the debugging functions

## A.91 Release 0.0.7

- Reference missing bindings in documentation
- Upgrade version
- Improve the error message around the setup (the setup message is too generic and must be more detailed)
- Save the buffer after the synchronization is done (after all we write the trello ids in the buffer)
- Release

## A.92 Release 0.0.6.1

- Fix the json-1.3 dependency, sometimes only 1.2 is available
- Update version
- Release



### A.93 Release 0.0.6

- Test that the title/label of the entity is set when syncing to avoid a 400 error
- Before making the request, ensure that everything is ok (checklist needs the card id, items needs the checklist id, etc. . .)
- Up the demo video in the beginning of the readme
- Improve readme with links to org-mode and trello
- Improve readme's use cases
- Mention the possible errors
- Mention the emacs version
- Update release notes
- Update the version
- Make a release

### A.94 Release 0.0.5

- Synchronizing from the trello board must simply computes and add/remove what's changed [100%]
- Rewrite the release notes in their own file
- Look on how to make a toc in the README.md in github
- Update the release notes
- Release on github, marmalade, melpa

### A.95 Release 0.0.4.1

- Fix the creation board routine regarding the org-mode keywords (dynamic typing hell!)
- Improve documentation regarding the possibilities to setup the org-mode keyword
- Upgrade version to 0.0.4.1
- Release on github, melpa, marmalade

### A.96 Release 0.0.4

- Permit the user to deal with his/her own trello list (based on his/her org-mode keywords - cf. [http://orgmode.org/manual/In\\_002dbuffer-settings.html](http://orgmode.org/manual/In_002dbuffer-settings.html))
- Deploy on marmalade the stable version (and update the readme about it)
- Rewrite tests using 'expectations'
- Simplify some code regarding destructuring for example
- Remove useless code
- Improve documentations and sync the routine check message with the documentation.
- Update documentation
- Release on github, melpa, marmalade

### A.97 Release 0.0.3

- Syncing complex entities
- cleanup useless tests
- Namespace cleanup
- Building package is now able to deal with the right version
- Create a board from org-mode
- Display the name of the board as a property file
- Cleanup the useless controls
- Given a org-mode file, fill in the trello board
- Announce in emacs mailing list
- Filter out the closed boards from the "choose board list"
- filter out level > 4 when syncing.
- Given a trello board, sync into a org-mode file
- cf. todo/done (`./TODO.org`) for the remains
- Release on github (and the previous version too)

### A.98 Release 0.0.2

- Technical release fixing technical details
- Fixing the packaging (inlining into `org-trello.el`)
- Adding ci-travis
- Local packaging to help testing

### A.99 Release 0.0.1

- write only mode at the moment (org-mode pushes to trello, no reading yet)
- simple entity creation (card, checklist, item/task), the request is asynchronous
- entity deletion (card, checklist, item/task)
- Interactive command to ease the setup of the consumer-key and the access-token
- Interactive command to ease the setup of one org-mode file (which represents one trello board). I assume there exists a 'todo', 'doing', and 'done' list (named that way too)
- Control that the setup file (consumer-key and access-token) are rightly generated (to avoid later problem)
- Control that the properties on the current org-mode file are rightly setuped to access a trello board
- packaging for melpa

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(See <https://github.com/daniel-birket/org-trello/tree/texinfo/texinfo>.)

This manual describes how to install and use the Emacs package org-trello, version 0.8.1, released 2018-03-18, written and copyright ©2013-2017 by Antoine Dumont, et al.

(See <https://github.com/org-trello/org-trello>.)

This manual was written with reference to the org-trello source-code, which begins with this license and non-warranty statement:

```
;;; org-trello.el
;;; Minor mode to synchronize org-mode buffer and trello board

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;;; <antoine.romain.dumont@gmail.com>

;;; Author: Antoine R. Dumont
;;; Maintainer: Antoine R. Dumont

;;; Version: 0.8.1
;;; URL: https://github.com/org-trello/org-trello

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