# Caché Package Manager Usage Cases

## Prerequisites

It’s worth to emphasize that we currently depending on the NPM v2.\* availability for “publishing” step to the repository. Version is important because we have discovered harder way that older node/npm is not working with our CouchDB backend store:

These were broken:

C:\InterSystems\CacheLatest\.cpm>npm --version

1.4.9

C:\InterSystems\CacheLatest\.cpm>node --version

v0.10.28

These were working;

C:\InterSystems\CacheLatest\.cpm>npm --version

2.5.1

C:\InterSystems\CacheLatest\.cpm>node --version

v0.12.0

Here are few steps for semi-manual publishing using npm:

* `npm adduser --registry http://cpmiscregistry.couchappy.com`
* `npm login --registry http://cpmiscregistry.couchappy.com`
* `npm publish --registry http://cpmiscregistry.couchappy.com`

Also remember – NPM has its own limitations per the package naming schema, so we enforce all the packages to be lower cases.

## Publishing flow

* Create package, preferably using already available studio project;
* Modify all required attributes (version, license, author, maintainer, etc);
* Export meta-information and container to the staging area, with optional major/minor version increment;
* And then publish this package from inside of staging area using npm;

## Packages publishing flow

|  |  |
| --- | --- |
| CPM | Shell |
| DEVLATEST:00:53:41:CPM>**do ^CPM**    CPM:CPM>> **list /v**  cpm-installer-sample 0.5.0  Sample.Address.cls  Sample.Company.cls  Sample.Customer.cls  Sample.Employee.cls  Sample.Person.cls  Sample.USZipCode.cls  Sample.Utils.cls  Sample.Vendor.cls  simple.prj    simple-proj 0.4.1  Sample.Address.CLS  Sample.Company.CLS  Sample.Customer.CLS  Sample.Employee.CLS  Sample.Person.CLS  Sample.USZipCode.CLS  Sample.Utils.CLS  Sample.Vendor.CLS  simple.prj |  |
| CPM:CPM>> **config /get tempdir**  tempdir = C:\InterSystems\CacheLatest\.cpm\  CPM:CPM>> **export /minor simple-proj**  simple-proj version set to: 0.4.2    Exporting to XML started on 03/11/2015 00:54:29  Exporting class: Sample.Address  Exporting class: Sample.Company  Exporting class: Sample.Customer  Exporting class: Sample.Employee  Exporting class: Sample.Person  Exporting class: Sample.USZipCode  Exporting class: Sample.Utils  Exporting class: Sample.Vendor  Exporting project: simple.prj  Export finished successfully. | C:\InterSystems\CacheLatest\.cpm>npm publish --registry http://cpmiscregistry.couchappy.com  **+ simple-proj@0.4.2** |
| CPM:CPM>> **export /minor cpm-installer-sample**  cpm-installer-sample version set to: 0.5.1    Exporting to XML started on 03/11/2015 00:57:17  Exporting class: Sample.Address  Exporting class: Sample.Company  Exporting class: Sample.Customer  Exporting class: Sample.Employee  Exporting class: Sample.Person  Exporting class: Sample.USZipCode  Exporting class: Sample.Utils  Exporting class: Sample.Vendor  Exporting project: simple.prj  Export finished successfully. | C:\InterSystems\CacheLatest\.cpm>npm publish --registry http://cpmiscregistry.couchappy.com  npm ERR! publish Failed PUT 403  npm ERR! Windows\_NT 6.3.9600  npm ERR! argv "C:\\Program Files\\nodejs\\\\node.exe" "C:\\Program Files\\nodejs\\node\_modules\\npm\\bin\\npm-cli.js" "publish" "--registry" "http://cpmiscregistry.couchappy.com"  npm ERR! node v0.12.0  npm ERR! npm v2.5.1  npm ERR! code E403  **npm ERR! forbidden cannot modify pre-existing version: 0.5.1**  npm ERR! old={"\_class":"CPM.Registry.Package","\_id":"cpm-installer-sample@0.5.1","name":"cpm-installer-sample","author":"","path":"simple.xml","version":"0.5.1","license":"MIT","keywords":[],"description":"","depe  ndencies":{"":""},"items":["Sample.Address.cls","Sample.Company.cls","Sample.Customer.cls","Sample.Employee.cls","Sample.Person.cls","Sample.USZipCode.cls","Sample.Utils.cls","Sample.Vendor.cls","simple.prj"],"maintainers":[{"name":"tsafin","email":"timur.safin@gmail.com"}],"Modified":"2015-03-08 18:46:41.998","scripts":{},"\_shasum":"0353d441e1077939bff7a24707240bb8bed338a7","\_from":".","\_npmVersion":"2.5.1","\_nodeVersion"  :"0.12.0","\_npmUser":{"name":"tsafin","email":"timur.safin@gmail.com"},"dist":{"shasum":"0353d441e1077939bff7a24707240bb8bed338a7","tarball":"http://cpmiscregistry.couchappy.com/cpm-installer-sample/-/cpm-installer-sample-0.5.1.tgz"}}  …  npm ERR!  npm ERR! If you need help, you may report this error at:  npm ERR! <http://github.com/npm/npm/issues>  npm ERR! Please include the following file with any support request:  npm ERR! C:\InterSystems\CacheLatest\.cpm\npm-debug.log |
| CPM:CPM>> **export /minor cpm-installer-sample**  cpm-installer-sample version set to: 0.5.2    Exporting to XML started on 03/11/2015 00:57:52  Exporting class: Sample.Address  Exporting class: Sample.Company  Exporting class: Sample.Customer  Exporting class: Sample.Employee  Exporting class: Sample.Person  Exporting class: Sample.USZipCode  Exporting class: Sample.Utils  Exporting class: Sample.Vendor  Exporting project: simple.prj  Export finished successfully. | C:\InterSystems\CacheLatest\.cpm>npm publish --registry http://cpmiscregistry.couchappy.com  **+ cpm-installer-sample@0.5.2** |
|  |  |
|  |  |
|  |  |

## Deleting package

CPM:CPM>> **list /v**

cpm-installer-sample 0.5.2

Sample.Address.cls

Sample.Company.cls

Sample.Customer.cls

Sample.Employee.cls

Sample.Person.cls

Sample.USZipCode.cls

Sample.Utils.cls

Sample.Vendor.cls

simple.prj

simple-proj 0.4.2

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj

simple-proj-2 0.2.1

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj

webterminal 0.0.1

CPM:CPM>> **package /delete simple-proj-2**

Deleting package definition: simple-proj-2

CPM:CPM>> list /v

cpm-installer-sample 0.5.2

Sample.Address.cls

Sample.Company.cls

Sample.Customer.cls

Sample.Employee.cls

Sample.Person.cls

Sample.USZipCode.cls

Sample.Utils.cls

Sample.Vendor.cls

simple.prj

simple-proj 0.4.2

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj

webterminal 0.0.1

CPM:CPM>> **package /delete webterminal**

Deleting package definition: webterminal

CPM:CPM>> list /v

cpm-installer-sample 0.5.2

Sample.Address.cls

Sample.Company.cls

Sample.Customer.cls

Sample.Employee.cls

Sample.Person.cls

Sample.USZipCode.cls

Sample.Utils.cls

Sample.Vendor.cls

simple.prj

simple-proj 0.4.2

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj

## Cache-tort-git – import of GitHub repository

DEVLATEST:14:12:12:USER>zn "cpm"

DEVLATEST:15:10:17:CPM>do ^CPM

CPM:CPM>> **package /create cache-tort-git /author adaptun /from C:\Users\Timur\Documents\GitHub\cache-tort-git\**

Load of directory started on 03/16/2015 15:11:45

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\README.md

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\sc-list.txt

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\config

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\description

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\FETCH\_HEAD

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\HEAD

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\index as rtn

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\ORIG\_HEAD

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\packed-refs

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\applypatch-msg.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\commit-msg.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\post-update.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\pre-applypatch.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\pre-commit.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\pre-push.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\pre-rebase.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\prepare-commit-msg.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\hooks\update.sample

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\info\exclude

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\logs\HEAD as rtn

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\logs\refs\heads\master as rtn

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\logs\refs\remotes\origin\master

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\10\13b85cee0fd6199e96b5a4124a24d0a80196dd

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\cache-tort-git.prj.xml as xml

Imported project: cache-tort-git.prj

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\14\4fb19765084329756c55c6e844a8895996ee34

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\14\fcb992b47dd5907e45c776d04a893588cec1d1

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\17\fe447237903315578f094d4679bc0e4353b4b0

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\18\345bf970a681f9fe338d64d96dae806a69b251

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\18\d89d126bc5af87043cdfd0ed3c5f43c3287c53

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\%SourceControl\Git.cls.xml as xml

Imported class: %SourceControl.Git

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\25\2ed4c7cbc704bacaa3ca8aef93830bf3cb411a

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\32\e8439d3ebd316b53d92959e21b534ee70b30ca

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\32\f38f85102e1e4958673a8b9b51f6c2ac32e167

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\31\afb5d25a5f4a0554a314e9a91dfbbebee424c8

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\33\56f1f1e277fde039d6c1b5c6b6cf8f436b6566

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\37\ca5858851d564294437e27ecd4550629b365d0

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\39\1bfb4d373afc2ab167626b8402191f8870d87f

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\42\122de1ad2f09ee7976e2fd752910fc79388dfc

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\39\57de5f013ade734c497c04c0c487eac51d353b

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\42\6d9b67996c32d05820f789325bb05ac285e1a9

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\44\8cafa019de25ddbd397ae63aeaf1716d063f4c

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\44\e0b1a1bf2238d158b30e80e795a5851ad65540

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\47\027f6a7489f11ace5cd74f5806993f7afe41e9

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\47\4aaaf253fbaec44dd6e18cece9b18510697c89

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\51\dc124e11923e384aeadfcc4110d00f7dee7fb9

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\54\dfd809bd5be81a76f88f16594e7d54ffd59b9e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\53\fbd45c85ffdc857f6811136ee7411729981636

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\55\a7a215f9390504b316f8cc8009441e7e15ef3e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\57\fee142aff4a26e5c9f70ad077575db7448a4f6

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\56\2934f30213ae4c0ce85bbdd91da17f88a6ca2e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\58\0f68713a86d632c2c3633a5e21a6c560b10b73

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\59\bf3de5fd4d7809eddc540d2456652f6a08d0d4

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\60\c956c40238aadf27eb2f5f96c0dbd2e90fa9b2

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\62\3e73f2b3b820ee56fe0fe2a734e4a3589a5cbf

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\61\a31606aa1c00f88b3d0177f44dad3f11b30227

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\63\7b6bc3f7a2cc83e5a928670254666247836a02

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\67\4200920e5aa6c6db9711ac5a82266416cc8941

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\68\6908506853e078b621c5c981fbd843d9a3534e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\68\5013c82ebbaa1da4423187a674a30452dfd2a5

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\69\bf4479ea88841d458efb4be8a903ae3fad293e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\70\3a565a2256aa91028ce70ce986e21809f96026

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\%SourceControl\Git\Utils.cls.xml as xml

Imported class: %SourceControl.Git.Utils

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\70\f0f0e7934d8bbe1145ffa06bc81b672fdf548e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\71\633b26adf64426cfd0282c28c3db0c134030cd

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\64\26c66e07073562432756b5047604c306e6b4d2

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\71\c67a446fd61c50bc98909c9ca72791d11bec75

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\74\88cd6090d9839d1b7e38c76a1f142fb86a92e9

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\72\412c878a2304430d4ca18b2a05e8b7ee64bcd9

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\78\d9885339aafae62a4bdec237a61b9f48ece386

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\82\8190ee2803b717708a0b6007880759b16508b6

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\77\99973586f8087b7b9748f5dc90de84d405f6bf

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\85\082cd55e2b68ad130286180c4d52c57de65d59

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\86\12dfd0d38ba8adc954c4840255fbc05e019da6

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\88\c070a500e8197ad4702cdf0d7fe2611e1d728e

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\87\552fdd1dc2b306d2a57a459cdf9680e15acc4f

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\88\ce3188acbdad81a49c22c7e267d58979cf5acb

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\91\563790039628ec8d6a7447805b14542fad6297

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\95\ef77f298d0436e19ad754f2e726ed07f1f580c

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\94\a5bed386cbb219463ff0298690406e88064b2b

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\99\3bda229125d5327bafa7123e35a17a0a2945bf

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\98\7cfb488d6e6e6f5a23ef98bbccdc2ab1000916

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\98\0b434022711c90971de75f78b8ffa8c39c90fe

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\03\b2384c8bbf3db5197109ba4e641454c350cd9c

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\05\ffbe4a9bb6e8eb0ade03792750f236d4267469 Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\07\28c18d4c3104a7b19250c1a9396ee79060b33b Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\06\a5dc26acbffd6ffa6ec101d45c2ce99ad20384

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\05\65b8e785ace18a955155fa742e92f190285676

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0a\0aa070713317744ba1efde8f273c0a6f179334 Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0a\40c47fb469f27e9586a6eac24582992fa4bfa7 Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0a\d590d51c72ba04f521ce6d77a0c7b2e8e1ab3b

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0c\6cefb8030ebee932ab7cf6d6b4ea9361429d69

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0d\421b22611cf82589d454a7634ece766aca404a

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0e\4b6963762ca34acef26729f94998dd4a9a55b2

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\0e\852867319b739824a6a62492a1b6045c2097ef

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\2c\908fa28927afdf601952617cf954d0d99f617b

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\2f\2696767325e43d380c89043e579a539979da1d

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\3b\1224a5ddc7905ba7c50fdfac8faaa98ccfba14

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\3e\23e5e6328aefbcb7294a22c6894a2e5dd8da02

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\3e\30122b17a81cd65b5232e388df7d43d88dcdde

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\3f\8fadb9082f1843f3dcc406162d20c79d667c00

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\4d\dafa9aa3f785541c6020dbe598608a6de1aa75

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\4f\cc995f14b7e61a3936e9ee02c161574c2d85b1

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\5b\22445672fb2a74611a443c4cd627e155547aa0

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\6a\182a79c45e4a53ca1642907f528c91803d0d7d

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\6e\e5d86a7c134311c325a7645a7122f096760af1

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\7e\7470ab9b6fd7aaeb755bb8a7d0aba2b98395f5 Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\7f\17d8bb8f91fc4d172bf1c95411f0a992d17de4

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\8b\b0da84f7b4e1c850f9dc7bb1bf8f325f77dbeb as rtn

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\8c\d0c541af46665dad3d11d3b445e6e201e882ba

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Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\a5\cb9e58289d5f52cf6057cf2e45aca7636dda7e

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Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\objects\b4\eed05ac9a00ed8c533aada612a58d12a0c7ac0

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Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\refs\heads\master

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\refs\remotes\origin\master

Unknown file type. Skipping file: C:\Users\Timur\Documents\GitHub\cache-tort-git\.git\refs\remotes\origin\HEAD

Loading file C:\Users\Timur\Documents\GitHub\cache-tort-git\csp\gitprojectsettings.csp.xml as xml

Imported CSP/CSR or file: csp/cpm/gitprojectsettings.csp

Compilation started on 03/16/2015 15:11:46 with qualifiers 'ck', compiling 2 classes, using 4 worker jobs

Compiling class %SourceControl.Git.Utils

Compiling class %SourceControl.Git

Compiling routine %SourceControl.Git.Utils.1

Compiling routine %SourceControl.Git.1

Compiling file /csp/cpm/gitprojectsettings.csp

Compiling class csp.gitprojectsettings

Compiling routine csp.gitprojectsettings.1

Compilation finished successfully in 0.165s.

Detected 194 errors during load.

Adding these items to the package: cache-tort-git

%SourceControl.Git.Utils.cls

%SourceControl.Git.cls

cache-tort-git.prj

csp/cpm/gitprojectsettings.csp

CPM:CPM>> **export /major cache-tort-git**

cache-tort-git version set to: 0.1.1

Exporting package files to: C:\InterSystems\CacheLatest\.cpm\cache-tort-git

Deleted all files in the directory:

Exporting to XML started on 03/16/2015 15:12:04

Exporting class: %SourceControl.Git.Utils

Exporting class: %SourceControl.Git

Exporting project: cache-tort-git.prj

Exporting CSP/CSR or file: /csp/cpm/gitprojectsettings.csp

Export finished successfully.

CPM:CPM>>

Now go to CMD.exe command-line and invoke `npm publish` manually:

C:\InterSystems\CacheLatest\.cpm\cache-tort-git>**npm publish --registry http://cpmiscregistry.couchappy.com**

+ cache-tort-git@0.1.1

## Command-line access

We have CLI wrapper cpm.bat which supposed to be able to run CPM commands from the shell script. It’s not working in all the cases and with all installations. It will use 1st available running instance, and this may be not the proper selection. It’s recommended to shutdown all other instances to make this script happy with the single one left.

Also it has not knowledge about namespace you loaded CPM code, so at the moment the only solution is to modify it via some hard-coding:

C:\Users\Timur\Documents\Intersystems\src\CPM\bin>cpm list

<NOROUTINE> \*CPM

Let’s embed namespace “CPM” for a moment:

cd "%CACHEBIN%"

cache.exe -s..\mgr\ -U CPM “BATCH^CPM(%ARGUMENTS%)"

cd "%cd%"

and then you could run it

C:\Users\Timur\Documents\Intersystems\src\CPM\bin>cpm list

cpm-installer-sample 0.5.2

simple-proj 0.4.2

C:\Users\Timur\Documents\Intersystems\src\CPM\bin>cpm list /verbose

cpm-installer-sample 0.5.2

Sample.Address.cls

Sample.Company.cls

Sample.Customer.cls

Sample.Employee.cls

Sample.Person.cls

Sample.USZipCode.cls

Sample.Utils.cls

Sample.Vendor.cls

simple.prj

simple-proj 0.4.2

Sample.Address.CLS

Sample.Company.CLS

Sample.Customer.CLS

Sample.Employee.CLS

Sample.Person.CLS

Sample.USZipCode.CLS

Sample.Utils.CLS

Sample.Vendor.CLS

simple.prj