

Die Shopware Konsole

Euer Shopwarebackend ist nicht mehr erreichbar? Ihr seid eh lieber auf der Konsole unterwegs? Hier kann euch das Shopware eigene CLI behilflich sein. Die Shopware Console findet Ihr unter:

```
pAccount:/html/shopware/bin > ls
console
```

Die Bedienung des CLI ist recht einfach gehalten:

```
php_cli bin/console <command> [arguments and options]
```

Es gibt vier Typen von Befehlen:

Über die Konsole

Alle Befehle Auflisten: `php_cli bin/console list`

Hilfe zu einem Befehl: `php_cli bin/console <command> -help`

dbal - Importieren von Datenbanken

orm - object-relational mapping

sw - Shopware - Interessant sind hier besonders die folgenden:

`sw:plugin`

`sw:theme`

Beispiel - Wir wollen uns alle Updates für installierte Extensions anzeigen lassen:

```
pAccount:/html/shopware/bin > php_cli console sw:store:list:updates
+-----+-----+-----+-----+-----+
| Id | Technical name | Label | CurrentVersion | AvailableVersion |
+-----+-----+-----+-----+-----+
| 60 | MittwaldSecurityTools | Mittwald Security Tools | 1.0.0 | 1.0.2 |
+-----+-----+-----+-----+-----+
```

Und natürlich möchten wir dieses Update nun auch durchführen:

```
pAccount:/html/shopware/bin > php_cli console sw:plugin:update MittwaldSecurityTools
The plugin MittwaldSecurityTools is up to date.
```

Beispiel - Wir wollen unsere Thumbnails aufräumen:

```
pAccount:/html/shopware/bin > p168157:/html/shopware/bin > php_cli console sw:thumbnail:cleanup
Deleting unused Thumbnails for album Papierkorb (ID: -13)
Deleting unused Thumbnails for album Hersteller (ID: -12)
Deleting unused Thumbnails for album Eigenschaften (ID: 1)
Deleting unused Thumbnails for album Zielgruppe (ID: 4)
Cleanup was finished successfully
```

Liste aller Optionen

-h, --help	Display this help message
-q, --quiet	Do not output any message
-V, --version	Display this application version
--ansi	Force ANSI output
--no-ansi	Disable ANSI output
-n, --no-interaction	Do not ask any interactive question
-s, --shell	Launch the shell.
--process-isolation	Launch commands from shell as a separate process.
-e, --env=ENV	The Environment name. [default: "production"]
-v vv vvv, --verbose	Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Liste aller Befehle

help	Displays help for a command
list	Lists commands

dbal - Importieren von Datenbanken

dbal:import	Import SQL file(s) directly to Database.
dbal:run-sql	Executes arbitrary SQL directly from the command line.

orm - object-relational mapping

orm:clear-cache:metadata	Clear all metadata cache of the various cache drivers.
orm:clear-cache:query	Clear all query cache of the various cache drivers.
orm:clear-cache:result	Clear all result cache of the various cache drivers.
orm:convert-d1-schema	Converts Doctrine 1.X schema into a Doctrine 2.X schema.
orm:convert-mapping	Convert mapping information between supported formats.
orm:convert:d1-schema	Converts Doctrine 1.X schema into a Doctrine 2.X schema.
orm:convert:mapping	Convert mapping information between supported formats.
orm:ensure-production-settings	Verify that Doctrine is properly configured for a production environment.
orm:generate-entities	Generate entity classes and method stubs from your mapping information.
orm:generate-proxies	Generates proxy classes for entity classes.
orm:generate-repositories	Generate repository classes from your mapping information.
orm:generate:entities	Generate entity classes and method stubs from your mapping information.
orm:generate:proxies	Generates proxy classes for entity classes.
orm:generate:repositories	Generate repository classes from your mapping information.
orm:info	Show basic information about all mapped entities
orm:mapping:describe	Display information about mapped objects
orm:run-dql	Executes arbitrary DQL directly from the command line.
orm:schema-tool:create	Processes the schema and either create it directly on EntityManager Storage Connection or generate the SQL output.
orm:schema-tool:drop	Drop the complete database schema of EntityManager Storage Connection or generate the corresponding SQL output.
orm:schema-tool:update	Executes (or dumps) the SQL needed to update the database schema to match the current mapping metadata.
orm:validate-schema	Validate the mapping files.

sw - Shopware

sw:clone:category:tree	Duplicates the category tree.
sw:cron:list	Lists cronjobs.
sw:cron:run	Runs cronjobs.
sw:es:analyze	Helper tool to test own analyzers.
sw:es:backlog:clear	Remove backlog entries that are already synchronized.
sw:es:backlog:sync	Synchronize events from the backlog to the live index.
sw:es:index:cleanup	Remove unused Elasticsearch indices.
sw:es:index:populate	Reindex all shops into a new index and switch the live-system alias after the index process.
sw:es:switch:alias	Allows to switch live-system aliases.
sw:firstrunwizard:disable	Disable the first run wizard.
sw:firstrunwizard:enable	Enable the first run wizard.
sw:generate:attributes	Generates attribute models.
sw:media:cleanup	Collect unused media move them to trash.
sw:media:migrate	Migrate images to new structure
sw:plugin:activate	Activates a plugin.
sw:plugin:config:list	Lists plugin configuration.
sw:plugin:config:set	Sets plugin configuration.
sw:plugin:deactivate	Deactivates a plugin.
sw:plugin:delete	Deletes a plugin.
sw:plugin:install	Installs a plugin.
sw:plugin:list	Lists plugins.
sw:plugin:refresh	Refreshes plugin list.
sw:plugin:reinstall	Reinstalls the provided plugin
sw:plugin:uninstall	Uninstalls a plugin.
sw:plugin:update	Updates a plugin.
sw:product:feeds:refresh	Refreshes product feed cache files.
sw:rebuild:category:tree	Rebuild the category tree
sw:refresh:search:index	refreshes and regenerates the search index
sw:settings:label:find:missing	Dump missing settings labels from the database into php arrays files
sw:snippets:find:missing	Find missing snippets in the database and dumps them into .ini files
sw:snippets:remove	Remove snippets from the database for a specific folder
sw:snippets:to:db	Load snippets from .ini files into database
sw:snippets:to:ini	Dump snippets from the database into .ini files
sw:snippets:to:sql	Load snippets from .ini files into sql file
sw:snippets:validate	Validates .ini files containing snippets
sw:store:download	Downloads a plugin from the community store
sw:store:list	List licensed plugins.
sw:store:list:domains	List connected domains.
sw:store:list:integrated	List all integrated plugins.
sw:store:list:updates	Lists updates for installed plugins.
sw:theme:cache:generate	Generates theme caches.
sw:theme:create	Creates a theme.
sw:theme:dump:configuration	Dumps the theme configuration into json files
sw:theme:initialize	Initializes themes. Enables responsive theme for the default shop.
sw:thumbnail:cleanup	Deletes thumbnails for images whose original file has been deleted.
sw:thumbnail:generate	Generates a new Thumbnail.
sw:warm:http:cache	warm up http cache

Die Shell

Wenn man nicht immer php_cli bin/console tippen möchte, kann man in die Shopware Shell wechseln:

```
pAccount:/html/shopware/bin > php_cli console -shell
```



Welcome to the Shopware shell (5.1.1 - /production).

At the prompt, type help for some help, or list to get a list of available commands.

To exit the shell, type ^D.

Shopware >

hier können nun einfach die oben genannten Befehle verwendet werden. Ein Beispiel:

```
Shopware > -V  
Shopware version 5.1.1 - /production
```

Sollte beim Aufruf der folgende Fehler geworfen werden:

```
/home/www/p247982/html/shopware/bin/console
```

```
PHP Notice: Undefined index: argv in  
/html/shopware/vendor/symfony/console/Symfony/Component/Console/Input/ArgvInput.php on line 57  
PHP Warning: array_shift() expects parameter 1 to be array, null given in  
/html/shopware/vendor/symfony/console/Symfony/Component/Console/Input/ArgvInput.php on line 61  
PHP Warning: Invalid argument supplied for foreach() in  
/html/shopware/vendor/symfony/console/Symfony/Component/Console/Input/ArgvInput.php on line 287  
PHP Warning: Invalid argument supplied for foreach() in
```

dann liegt das an der PHP-Umgebung. Es reicht in der html/shopware/bin/console in der ersten Zeile den Interpreter von php auf php_cli zu ändern, dann läuft es ohne Fehlermeldungen.