concrete5™®

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Development Cheat Sheet
for 5.4.*

template related functions

```
$a = new Area('Area Name');
$a->setBlockLimit(1);
$a->setBlockWrapperStart('<div class="wrapper">');
$a->setBlockWrapperEnd('</div>');
$a->display($c);

$a->getTotalBlocksInArea($c)   // returns int, omit $c if used after display()

$c->isEditMode()      // returns boolean

$this->getThemePath() // returns string
$this->addHeaderItem($html->css('stylesheet.css'));
$this->addHeaderItem($html->javascript('file.js'));
$this->inc('elements/header.php');
Loader::element('header_required');

View::section('top-level-page-path')   // returns true if under page
View::url('/path-to-page')  // returns url to path
```

page data

```
$c = Page::getCurrentPage();
$c->getCollectionName();
$c->getCollectionHandle();
$c->getCollectionTypeHandle();
$c->getCollectionID();   // returns page ID
$c->getCollectionDescription();
$c ->getCollectionParentID();
$c->getAttribute('AttributeHandle');
$c->getCollectionAttributeValue('AttributeHandle');
$c->getCollectionDatePublic('F j, Y');

$collectionc = Page::getByID($page_id,'ACTIVE');   // get any page object
```

manual database functions

```
$db = Loader::db();
$result = $db->Execute($sql, $values);  // where values is a single value or
an array to match against ?
$row = $result->FetchRow();  // $row contains an associative array

$new_id = $db->Insert_ID();  // fetch new ID after insert

$db->setDebug(true);   // outputs all sql queries to the page
$db->setLogging($logging);   // log queries to adodb_logsql table
```

site config additions

```
define('PAGE_TITLE_FORMAT', '%1$s - %2$s');
define('PERMISSIONS_MODEL', 'advanced');
define('FORM_BLOCK_SENDER_EMAIL', 'from@yoursite.com');
define('EMAIL_DEFAULT_FROM_ADDRESS', 'website@yoursite.com');
define('EMAIL_DEFAULT_FROM_NAME', 'From Name');
define('EMAIL_ADDRESS_REGISTER_NOTIFICATION_FROM', 'n@d.com');
define('SESSION', 'MYSESSIONNAME');
define('URL_REWRITING_ALL', true);
define('AL_THUMBNAIL_JPEG_COMPRESSION', 90);
define('REDIRECT_TO_BASE_URL', false);
define('CACHE_LIBRARY', 'memcached');
define('APP_TIMEZONE', 'America/Los Angeles');
define('AVATAR_WIDTH', 100);   // also 'AVATAR_HEIGHT'
define('LOCALE', 'de_DE');
define('MENU_HELP_URL', 'new url');
define('ENABLE_CUSTOM_DESIGN', false);
define('ENABLE_AREA_LAYOUTS', false);
```

built-in attributes

```
exclude_nav,  exclude_page_list,  exclude_search_index,
exclude_sitemapxml

header_extra_content   // contents added to header of page
is_featured
replace_link_with_first_in_nav
nav_target   // e.g. set to _blank to open page in new window/tab
```

helpers and files

```
$form = Loader::helper('form');  // or 'html', 'file', 'image', 'date',
'number', 'text', 'url', 'form/attribute', 'form/color', 'form/date_time',
'form/page_selector', 'form/rating', 'form/user_selector'

$al = Loader::helper('concrete/asset_library');  // for built-in asset library
access (e.g. file selection in custom blocks)

$ih = Loader::helper('image');
$f = $c->getAttribute('AttributeHandle');
$ih->outputThumbnail($f,  80, 120);   // outputs img tag
$thumbObj = $ih->getThumbnail($f, 200, 200);   // returns object

$f = File::getByID($file_id);
$f->getAttribute('file_attribute_name')
$f->getApprovedVersion()->getFileName();  // other functions:  getTitle
, getTags, getDescription, getSize
```

useful constants

```
BASE_URL
DIR_REL  // directory concrete5 is in
SITE   // site name (set in Dashboard)
PAGE_PATH_SEPARATOR
LANGUAGE
```

user related functions

```
$u = new User();    // get current user
$u->isLoggedIn()
$u = User::getByUserID($userID);    // get any user
$u->getUserName();
$u->isRegistered()
$u->isSuperUser()

$ui = UserInfo::getByID($user_id);   // for access to user attributes
$ui->getAttribute('attribute_name', 'display');   // omit 'display'
attribute for value only

Loader::model('user_list');
$ul = new UserList();
$ul->setItemsPerPage(20);
$users = $ul->getPage();   // returns array of users (paginated)
```

deployment checklist

· Files, Packages, Updates folders and sitemap.xml writable
· BASE_URL set to live URL
· DIR_REL set to correct folder or none
· .htaccess RewriteBase set correctly
· Production mode enabled
· Logging options selected
· Caching enabled/configured
· Track Statistics set (or 3rd party tracking added)
· Admin account password secure
· Admin account email set
· Login and not found pages themed
· Outgoing email works/configured
· Rich Text Editor configured (custom buttons)
· Un-needed page types removed
· Favicon set
· Theme thumbnail.png updated
· Page type thumbnails set
· CACHE_LIBRARY set in site.php (apc, memcached, xcache, etc)
· Robots.txt set correctly
· Sitemap/Search Index updated