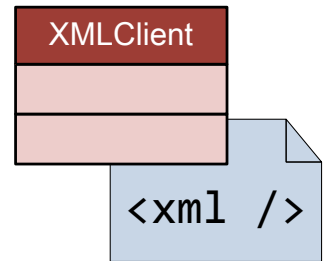


# ONE PAGE XMLCLIENT MANUAL



## INSTALLATION

Put XMLClient.php in your preferred directory on your web server. Include it by your PHP script where you apply your classes using XMLClient. Maybe you want to use the autoloading function.

Let classes extending XMLClient you wish to use for data storing in xml files. All necessary methods to read, write and delete object data and to retrieve object ID are inherited by extending class and is now ready for use.

## HOW DOES XMLCLIENT WORK?

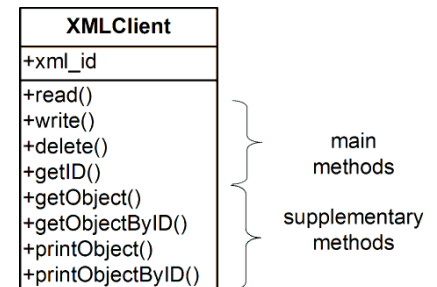
Using methods inherited from XMLClient let a class becoming an XML client itself and is now able to read and store data to a XML file with same name as the class. Files are generated automatically on applying first a method and stored to htaccess protected subdirectory "xml" of your web server root. There are no limits of object complexity. Every simple and compound (array and object) data type stored in an object attribute is fully written to and read from the corresponding xml file.

## ATTRIBUTES

- `xml_id`: Attribute where ID of object is stored on applying method read or write. So you know where your object has stored its data. Attribute is public, so you can change it manually.

## MAIN METHODS

- `read ( xml_id )`: Reads object data of every attribute by given id into object and sets inherited `xml_id` attribute. Returns true on success, false otherwise.
- `write ( [xml_id] )`: Writes all object data to corresponding xml file at given ID. Existing data at similar ID are overwritten. If `xml_id` is set, it is not necessary to pass this parameter. If no parameter is passed and no `xml_id` attribute set, the object will be stored with a incremental ID. Return the id where data is stored and false if something went wrong.
- `delete ( [xml_id] )`: Deletes object data by given ID (if not set in `xml_id` attribute). Returns deleted ID and false otherwise
- `getID ( query )`: Accept an XMLClient query string and return an array with found IDs matching passed query. In case of error, false is returned.



Note: If `xml_id` of your object is set and you pass a ID as parameter, too, your parameter ID is preferred over set attribute.

## SUPPLEMENTARY METHODS

- `getObject( query )`: Returns an array of found objects instead of an ID array. Uses XMLClient query string for searching.
- `getObjectByID ( xml_id )`: Returns an array of object by a passed single ID or array of ID.
- `printObject ( query )`: Calls magic method "`__toString`" and prints every object found by passed query.
- `printObjectByID ( id )`: Prints object using "`__toString`" by given IDs

## XMLCLIENT QUERY

A query using in method `getID` and the supplementary methods are divided in three parts which are separated by a whitespace.

1. Attribute name you want to examine
2. Comparator you want to use: "=", "!=", ">", ">=", "<", "<=", "contains" and "contains not". If you let out one of these supported comparators, the default "contains" is applied.
3. Regular expression to search. Consult PHP manual or Wikipedia to learn more about this useful searching feature.

Two examples: `getID ("author contains Michael Schumacher")` or `getID ("author contains not Gotthelf")`

Note to ID-related methods like "getID": Due to PHP technical reasons, these methods are not declared static although they are class related. This will be changed in a future release of XMLClient this when technical limitations can be evaded.