

# Documentation for the Netresearch PBKDF Magento extension

## Intention

This extension is intended solely to demonstrate the possibility to have a PBKDF2 compliant function within MySQL.

So it just install a MySQL function named *fn\_PBKDF()*, which can be called in your SQL queries as described below.

## Usage

Syntax:

```
SELECT fn_PBKDF(<password>, <salt>);
```

or

```
INSERT INTO <sometable> values (<somecolumnname>) VALUES (fn_PBKDF(<password>, <salt>));
```

## Calculation

The function *fn\_PBKDF()* calculates a salted SHA1 hash within 10000 cycles.