

# Sixty\_Four\_Bit\_to\_Integer

Created by: peterdownie.ails to auto generate, working on a fixcom

Software Version: 2.41k

Greater Code Name: Atomic

Lesser Code Name: Neutron

Service Version: 0.04

## Purpose

\* Description of 64Bit\_to\_Integer

\*

\* @author peter

## lowerText

Creator did not override lowerText

## technicalSpecifications

Was not implemented!

## Main Methods

\_\_construct

generateInteger

generate\_64BaseNumber

## Method Details

### \_\_construct

### generateInteger

*Parameter #0 [ <required> \$Sixty\_four\_base ]*

This is the primary function of this project. It takes a 64 bit stored value as a single character

and converts it into an Integer with a base of ten. The purpose of this is to access mysql databases

with a 64 bit conversion. I will likely build a mysql version of this for fun if I ever get around to doing that

This takes 0 - 9, a - z, A - Z and - and finally \_

It returns an array with an output of SUCCESS and a payload of the value this is in case I make modifications to this project.

Please note that this uses PHP gmp which allows integers of large values, however this is very wasteful when compared

to storing the same number as a float. However the precision is needed.

Does not work with negative numbers

## **generate\_64BaseNumber**

*Parameter #0 [ <required> \$Integer ]*

\* This generates a base 64 letter from a base 10 integer.

\* Does not work with negative numbers

\* @param type \$Integer

\*As of 0.03 release this should work.

## **Method Technical Specifications**

### **\_\_construct**

No technical specifications found

### **generateInteger**

No technical specifications found

### **generate\_64BaseNumber**

No technical specifications found