-- MySQL Script generated by MySQL Workbench

-- Thu Sep 2 15:01:17 2021

-- Model: New Model Version: 1.0

-- MySQL Workbench Forward Engineering

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

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-- Schema mydb

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CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

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-- Table `mydb`.`users`

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CREATE TABLE IF NOT EXISTS `mydb`.`users` (

`idusers` INT NOT NULL AUTO\_INCREMENT,

`add\_to\_queue` TINYINT(1) NULL,

`launch\_for\_execution` TINYINT NULL,

`stop` TINYINT NULL,

`resume\_execution` TINYINT NULL,

`change\_priority` TINYINT NULL,

`fix\_completion` TINYINT NULL,

`delete` TINYINT NULL,

`user\_login` VARCHAR(45) NULL,

`user\_name` VARCHAR(45) NULL,

`user\_password` VARCHAR(45) NULL,

PRIMARY KEY (`idusers`),

UNIQUE INDEX `idusers\_UNIQUE` (`idusers` ASC) VISIBLE)

ENGINE = InnoDB;

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-- Table `mydb`.`tasks`

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CREATE TABLE IF NOT EXISTS `mydb`.`tasks` (

`idusers` INT NOT NULL AUTO\_INCREMENT,

`task\_name` VARCHAR(45) NULL,

`arguments` VARCHAR(45) NULL,

`number\_of\_cores` INT NULL,

`priority` INT NULL,

`idtask` INT NOT NULL,

`command` VARCHAR(45) NULL,

`idtaskstate` INT NOT NULL,

PRIMARY KEY (`idtask`),

CONSTRAINT `idusers`

FOREIGN KEY ()

REFERENCES `mydb`.`users` ()

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`taskstate`

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CREATE TABLE IF NOT EXISTS `mydb`.`taskstate` (

`idtaskstate` INT NOT NULL,

`taskstatename` VARCHAR(45) NULL,

`queued` VARCHAR(45) NULL,

`progress` VARCHAR(45) NULL,

`completed` VARCHAR(45) NULL,

`deleted` VARCHAR(45) NULL,

PRIMARY KEY (`idtaskstate`),

CONSTRAINT `idtaskstate`

FOREIGN KEY ()

REFERENCES `mydb`.`tasks` ()

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

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-- Table `mydb`.`nodes`

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CREATE TABLE IF NOT EXISTS `mydb`.`nodes` (

`idnode` INT NOT NULL,

`nodename` VARCHAR(45) NULL,

`idtask` INT NULL,

PRIMARY KEY (`idnode`),

CONSTRAINT `idtask`

FOREIGN KEY ()

REFERENCES `mydb`.`tasks` ()

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;