Dictionary

DocName	*Project*	*Version*			*FullName*	*UsedDocs*	
		<<		>>		DocName	Usage

Dictionary of keywords of the application domain

keyword	reference	description	german
actual user		current user of a room	Aktueller Benutzer
actual value		actual value	Istwert
actuator		device that can be controlled by control system or user	Aktuator
ambient light		diffuse room lighting	Umgebungslicht
blind		used to shade window from the outside	Jalousie
ceiling light		luminaire under or in the ceiling	Deckenlicht
comfort temperature		desired value of temperature during normal usage of a room	Komforttemperatur
comfort time		time period in which full room temperature comfort is expected	Benutzungszeit
computer lab		room with many terminals, workstations, open to all group members and temporarily to students of a class	Terminalraum
computer science department building		building with typically offices, computer labs, peripheral rooms etc.	Informatikgebäude
contact		electrical or magnetic gadget to determine the state of a door, window etc.	Kontakt
control panel		small panel at the wall with a keyboard, LED's for important states and a simple display for textual messages	Kontroll-Panel
control system		hardware system and software system that controls indoor temperature and lighting	Kontrollsystem
customer		persons, for whom the system is developed. Customers are always right.	Kunden
desired value		variable entered, which the control system shall adjust and maintain.	Sollwert

dimmer actuator		controls the output of a luminaire	Dimmer
door		object which makes it possible to enter or leave a room	Tür
environment		surrounding of section of the building, indoor and outdoor	Umgebung
facility manager		person responsible for running a building on a daily bases	Hausmeister
hallway		part of a building between several rooms to connect each of them	Flur
heating period		period of the year in which central heat is supplied	Heizperiode
heating up operation mode		operation mode; the system tries to reach comfort temperature	Aufheizmodus
heat-up time		time in which comfort temperature is reached	Aufheizzeit
hold temperature operation mode		operation mode; the system tries to maintain the desired value of comfort temperature	Temperaturhaltemodus
illuminance		amount of light incident on a surface, measured in lux	Beleuchtungsstärke
impulse relais		changes state ("on", "off") with each signal	Stromstoßrelais
installation		operative equipment belonging to the building, e.g. radiators and sensors	Installation
light scene		light scenes are predefined settings of the light levels and an ordered list of luminaires which should be used to reach them. One light scene consists of 4 parameters: 1. name of light scene 2. illuminance of the ambient light of the room 3. illuminance for the desk 4. an ordered list, which consists the installed illuminaires. The order of the list is the order, in which the control system has to use the illuminaires to reach the given light values.	Lichtszene
light sensor		measures the illuminance in a half sphere perpendicular to it's flat bottom	Lichtsensor
luminaire		light	Licht

motion detector	imd	detects motion of a person or animal in its range; state is "on" during positive detection	Bewegungsmelder
non freeze auto		only non freeze safety should be maintained; typical operation mode during holidays	Frostschutzautomatikbetrieb
non freeze temperature		value of temperature, which should not be reached to avoid freeze damage	Frostschutztemperatur
office		room for one or two group members with terminals and/or workstations for inhabitants	Büro
off time		time in which no usage is expected	
outdoor temperature		temperature of the air outside	Außentemperatur
outdoor temperature sensor		sensor to measure the temperature of the air outside	Außentemperatursensor
peripheral room		room for computer peripherals, copy machines, general group access	Peripherieraum
pushbutton		"on", as long as pushed manually	Taster
radiator		hot water radiator	Heizkörper
radiator control valve		radiator valve that can be controlled	Regelbares Heizkörperventil
radiator valve		radiator valve that can be controlled manually	Heizungsventil (manuell)
responsible person		person responsible for individual settings of one room	Verantwortliche Person
room		room can be an office, meeting room, computer lab, or peripheral room.	Raum
room temperature		temperature of the air in the room	Raumtemperatur
room temperature sensor		sensor to measure the room temperature	Raumtemperatursensor
sensor		device that can sense state of the building, users or environment	Sensor
solar radiation		Irradiance, measured in W/m^2	Sonneneinstrahlung
stand-by time		time in which an inhabitant is expected in a room	Stand-by-Zeit
status line		a wire that has the status of a device as value	
switch		sensor which gives "0" or "1"	Schalter, als Sensor verwendet
system		system	System

task light		luminaire on desk	Arbeitsleuchte
temperature sensor		sensor, with whom the temperature can be measured	Temperatursensor
university building		building in a university	Universitätsgebäude
user		people inside the building	Benutzer
wait operation mode		operation mode; the system waits until the user occupies a room for a longer time period.	Wartemodus
weather		outdoor temperature, radiation	Wetter
window		consists of a frame and glass, you can look through	Fenster

Objects

FullName	*ModelName*	*ManufaktName*	*Description*

Attributes

FullName	*ModelName*	*Type*	*Value*	*Description*

Signals

FullName	*ModelName*	*Type*	*Link*	*Parameters*	*Description*

Functions

Name	*Task*	*Strategy*	*Needs*