CONTROL-M/Server 6.2.01

Physical Data Model

Active Jobs

CMR_RUNINF

PK,I4	TIMESTMP	CHAR(22)
PK	ORDERNO	NUMBER
PK	RUNCOUNT	NUMBER
I3	NODEID	VARCHAR(50)
	MEMLIB	VARCHAR(255)
I2	MEMNAME	VARCHAR(30)
	CPUTIME	NUMBER
	ELAPTIME	NUMBER
	ENDRUN	CHAR(4)
	PROCID	VARCHAR(16)
	OWNER	VARCHAR(30)
	JOBNO	NUMBER
I1	JOBNAME	VARCHAR(64)
	SCHEDTAB	VARCHAR(20)
	STATUS	CHAR(2)
	OSCOMPSTAT	NUMBER
	OSCOMPMSG	VARCHAR(66)
	STARTRUN	VARCHAR(14)
	SYSOUTSIZE	NUMBER
	RES1	NUMBER
	RES2	CHAR(2)
	RES3	VARCHAR(50)

CMR_SETVAR

PK,I1	ORDERNO	NUMBER
PK	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
I1	SETVARTYPE	CHAR(2)
	GLOBALIND	CHAR(2)
I1	VAR	VARCHAR(40)
	VAREXPR	VARCHAR(214)
	VARSCOPE	VARCHAR(20)

CMR_CON_J

PK,I2	ORDERNO	NUMBER
PK	ROWTYPE	CHAR(2)
PK	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
I1	CONDNAME	VARCHAR(255)
I2	DATEREF	CHAR(4)
	OP	CHAR(2)
	PARENTHESES	CHAR(2)

CMR_JOBINF
CMR_JOBINF_<N>

	ORDERNO	NUMBER
	RUNCOUNT	NUMBER
	NODEID	VARCHAR(50)
	SYSOUTSIZE	NUMBER
	STARTRUN	VARCHAR(14)
	ENDRUN	VARCHAR(14)
	STATUS	CHAR(2)
	OSCOMPSTAT	NUMBER
	OSCOMPMSGVAR	CHAR(66)
	NODEGRP	VARCHAR(50)
	OWNER	VARCHAR(30)
	MEMNAME	VARCHAR(30)
	JOBNAME	VARCHAR(64)
	TASKTYPE	CHAR(2)
	APPLTYPEVAR	CHAR(10)
	JOBDATE	CHAR(8)

CMR_CTL_J

PK	CONTROL	VARCHAR(20)
PK,I1	ORDERNO	NUMBER
	CMODE	CHAR(2)
I1	ROWORDER	NUMBER

CMR_QR_J

PK	QRESNAME	VARCHAR(20)
PK,I1	ORDERNO	NUMBER
	QNUMBER	NUMBER
	ROWORDER	NUMBER

CMR_QRUSE

PK	QRESNAME	VARCHAR(20)
PK,I1	QR_REQ	VARCHAR(20)
PK,I1	ORDERNO	NUMBER
	JOBUSED	NUMBER
I1	RESER	VECHAR(2)
	USERNAME	VARCHAR(30)
	NODEID	VARCHAR(50)

CMR_ONSTMT

PK	ORDERNO	NUMBER
PK	IF_NO	NUMBER
PK	ROWORDER	NUMBER
	STMT	VARCHAR(132)
	CODE	VARCHAR(132)

CMR_MAIL

PK	ORDERNO	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	SUBJECT	VARCHAR(99)
	URGENCY	CHAR(2)
	MESSAGE	TEXT
	LOGIC_DEST	VARCHAR(99)
	CC_DESTV	ARCHAR(99)

CMR_DO

PK	ORDERNO	NUMBER
PK	IF_NO	NUMBER
PK	DO_NO	NUMBER
	ACTION	VARCHAR(20)
	ROWORDER	NUMBER
	EXECSIGN	CHAR(2)

CMR_AJF

PK	ORDERNO	NUMBER
	JOBNO	NUMBER
	PRIORITY	NUMBER
	CRITICAL	CHAR(2)
	TASKTYPE	CHAR(2)
	CYCLIC	CHAR(2)
	CONFIRM_R	CHAR(2)
	CONFIRMED	CHAR(2)
	RETRO	CHAR(2)
	AUTOARCH	CHAR(2)
	TASKCLASS	CHAR(3)
	HOLDFLAG	CHAR(2)
	STATUS	CHAR(2)
I3,I1	STATE	CHAR(2)
	CYCLICINT	VARCHAR(6)
	APPLGROUP	VARCHAR(20)
	NODEGRP	VARCHAR(50)
I3	NODEID	VARCHAR(50)
	MEMLIB	VARCHAR(255)
	MEMNAME	VARCHAR(30)
	OVERLIB	VARCHAR(255)
	CMDLINE	TEXT
	ODATE	CHAR(8)
	PROCID	VARCHAR(16)
	RERUN_NO	NUMBER
	OSCOMPSTAT	NUMBER
	OSCOMPMSG	VARCHAR(66)
	NEXTTIME	VARCHAR(14)
	PREVDATE	CHAR(8)
	NEXTDATE	CHAR(8)
	STARTRUN	VARCHAR(14)
	ENDRUN	VARCHAR(14)
	MAXRERUN	NUMBER
	FROMTIME	CHAR(4)
	UNTIL	CHAR(4)
	JOBNAME	VARCHAR(64)
	SCHEDTAB	VARCHAR(20)
	OWNER	VARCHAR(30)
	MAXWAIT	NUMBER
	APPLIC	VARCHAR(20)
	RUNCOUNT	NUMBER
	DAILYNAME	VARCHAR(10)
	AJFSONSTR	CHAR(14)
	DESCRIPT	VARCHAR(50)
	DOCMEM	VARCHAR(30)
	DOCLIB	VARCHAR(255)
	MAXDAYS	NUMBER
	MAXRUNS	NUMBER
	UNKNOWNTIM	NUMBER
	STARTENDCYCIND	CHAR(2)
	TRIGGER_TAG	VARCHAR(30)
I2	GROUP_ORD	NUMBER
	AUTHOR	VARCHAR(30)
	ADJUST_COND	CHAR(2)
	MULTIAGENT	CHAR(2)
	APPLTYPE	VARCHAR(10)
I4	TIMEZONE	VARCHAR(9)
	STATEMSK	CHAR(9)
	APPLVER	VARCHAR(10)
	TIMEREF	CHAR(2)
	CMVER	VARCHAR(10)
	APPLFORM	VARCHAR(30)

CMR_CTLUSE

PK	CONTROL	VARCHAR(20)
PK	ORDERNO	NUMBER
	CMODE	CHAR(2)
	RESERVE	CHAR(2)
	USERNAME	VARCHAR(30)
	NODEID	VARCHAR(50)

CMR_LASTNO

PK	TABLENAME	VARCHAR(10)
	LASTISN	NUMBER

CMR_UDLAST

PK	DAILYNAME	VARCHAR(10)
	LASTRUN	CHAR(8)
	LASTEND	CHAR(8)

CMR_ECSMSG

PK	ECSMSG_ISN	NUMBER
PK	USERNAME	VARCHAR(30)
	MESSAGE	VARCHAR(255)

CMR_FORCEJ

PK,I1	ORDERNO	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	JOBNAME	VARCHAR(64)
I1	SDATE	CHAR(8)
	SCHEDTAB	VARCHAR(20)

CMR_SYSOUT

PK	ORDERNO	NUMBER
PK	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	SYSTYPE	CHAR(2)
	SYSOPT	CHAR(2)
	SYSPRM	VARCHAR(255)

CMR_DBLOG

PK	KEYSTMP	CHAR(22)
I1	DBULVL	NUMBER
	DBMESSAGE	TEXT
	MSGSIZE	NUMBER
	DBMESSAGE_1_32	CHAR(2)

CMR_STATIS

PK	KEYSTMP	CHAR(22)
I2,I1	NODEID	VARCHAR(50)
	ELAPSED	NUMBER
	CPUTIME	NUMBER
I1	LIBRARY	VARCHAR(255)
I1	MEMNAME	VARCHAR(30)
	CPUTIME_SD	NUMBER
	ELAPSED_SD	NUMBER
I2	JOBNAME	VARCHAR(64)
I1	TIMESTMP	CHAR(22)
I2	SCHEDTAB	VARCHAR(20)

CMR_IOALOG
CMR_IOALOG_<N>

LOGDATE	CHAR(8)
LOGTIME	CHAR(6)
SUBSYS	CHAR(2)
JOBNAME	VARCHAR(64)
JOBNO	NUMBER
ORDERNO	NUMBER
USERNAME	VARCHAR(30)
NODEID	VARCHAR(50)
ODATE	CHAR(8)
MSGID	CHAR(4)
MESSAGE	VARCHAR(255)
TASKTYPE	CHAR(2)
MEMNAME	VARCHAR(30)
NODEGRP	VARCHAR(50)
OWNER	VARCHAR(30)
KEYSTMP	CHAR(22)

CMR_SHOUT

PK,I2,I1	ORDERNO	NUMBER
PK,I1	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
I1	SHOUTYPE	CHAR(2)
	URGENCY	CHAR(2)
	MESSAGE	VARCHAR(255)
I2	WHENCOND	VARCHAR(10)
	SHOUTIME	CHAR(4)
	EXECPARM	NUMBER
	EXECTYPE	CHAR(2)
	EXECOPER	CHAR(2)
	SHOUTED	CHAR(2)
	LOGIC_DEST	VARCHAR(16)

Job Definition

CMS_TAG

PK	TAGNAMEV	ARCHAR(20)
PK	GROUPID	NUMBER
	MAXWAIT	NUMBER
	CAL_ANDOR	CHAR(2)
	MONTHSTR	CHAR(12)
	DAYSCAL	VARCHAR(10)
	WEEKCAL	VARCHAR(10)
	CONFCAL	VARCHAR(10)
	SHIFT	CHAR(4)
	RETRO	CHAR(2)
	DAYSTR	VARCHAR(160)
	WDAYSTR	VARCHAR(50)
	TAGFROM	VARCHAR(8)
	TAGTILL	VARCHAR(8)

CMS_TAGLINK

PK	TAGNAME	VARCHAR(20)
PK	JOBNO	NUMBER
	GROUPID	NUMBER

CMS_CTL_J

PK	CONTROL	VARCHAR(20)
PK	ROWORDER	NUMBER
PK	JOBNO	NUMBER
	CMODE	CHAR(2)

CMS_QR_J

PK	QRESNAME	VARCHAR(20)
PK	ROWORDER	NUMBER
PK	JOBNO	NUMBER
	QNUMBER	NUMBER

CMS_ONSTMT

PK	JOBNO	NUMBER
PK	IF_NO	NUMBER
PK	ROWORDER	NUMBER
	STMT	VARCHAR(132)
	CODE	VARCHAR(132)

CMS_FORCEJ

PK	JOBNO	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	JOBNAME	VARCHAR(64)
	SDATE	CHAR(8)
	SCHEDTAB	VARCHAR(20)

CMS_MAIL

PK	JOBNO	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	SUBJECT	VARCHAR(99)
	URGENCY	CHAR(2)
	MESSAGE	TEXT
	LOGIC_DEST	VARCHAR(99)
	CC_DEST	VARCHAR(99)

CMS_JOBDEF

PK,I2	JOBNO	NUMBER
I3	JOBNAME	VARCHAR(64)
	DESCRIPT	VARCHAR(50)
	APPLICVAR	CHAR(20)
	APPLGROUP	VARCHAR(20)
I3,I2	SCHEDTAB	VARCHAR(20)
	AUTHOR	VARCHAR(30)
	OWNER	VARCHAR(30)
I2	PRIORITY	NUMBER
I2	CRITICAL	CHAR(2)
	CYCLIC	CHAR(2)
	RETRO	CHAR(2)
	AUTOARCH	CHAR(2)
	TASKCLASS	CHAR(3)
	CYCLICINT	VARCHAR(6)
	TASKTYPE	CHAR(2)
	DATEMEM	VARCHAR(10)
	NODEGRP	VARCHAR(50)
	PLATFORM	VARCHAR(20)
	NODEID	VARCHAR(50)
	DOCLIB	VARCHAR(255)
	DOCMEM	VARCHAR(30)
	MEMLIB	VARCHAR(255)
	MEMNAME	VARCHAR(30)
	OVERLIB	VARCHAR(255)
	CMDLINE	TEXT
	MAXRERUN	NUMBER
	MAXDAYS	NUMBER
	MAXRUNS	NUMBER
	FROMTIME	CHAR(4)
	UNTIL	CHAR(4)
	MAXWAIT	NUMBER
	DAYSTR	VARCHAR(160)
	WDAYSTR	VARCHAR(50)
	MONTHSTR	CHAR(12)
	AJFSONSTR	CHAR(14)
	CONF	CHAR(2)
	UNKNOWNTIM	NUMBER
	DAYSCAL	VARCHAR(10)
	WEEKCAL	VARCHAR(10)
	CONFCAL	VARCHAR(10)
	CAL_ANDOR	CHAR(2)
	SHIFT	CHAR(4)
	ADJUST_COND	CHAR(2)
	STARTENDCYCIND	CHAR(2)
	CREATIONUSERID	VARCHAR(8)
	CREATIONDATETIME	VARCHAR(14)
	CHANGEUSERID	VARCHAR(8)
	CHANGEDATETIME	VARCHAR(14)
	RELATIONSHIP	CHAR(2)
	GROUPID	NUMBER
	TABROWNO	NUMBER
	MULTIAGENT	CHAR(2)
	APPLTYPEVAR	CHAR(10)
	TIMEZONE	VARCHAR(9)
	STATEMSK	CHAR(9)
	APPLVER	VARCHAR(10)
	TIMEREF	CHAR(2)
	ACTFROM	VARCHAR(8)
	ACTTILL	VARCHAR(8)
	CMVER	VARCHAR(10)
	APPLFORM	VARCHAR(30)

CMS_DO

PK	JOBNO	NUMBER
PK	IF_NO	NUMBER
PK	DO_NO	NUMBER
	ACTION	VARCHAR(20)
	ROWORDER	NUMBER

CMS_DATES

PK	JOBNO	NUMBER
PK	JOBDATE	CHAR(8)
PK	TAGNAME	VARCHAR(20)

CMS_SYSOUT

PK,I1	JOBNO	NUMBER
PK	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
I1	SYSTYPE	CHAR(2)
	SYSOPT	CHAR(2)
	SYSPRMVAR	CHAR(255)

CMS_SHOUT

PK,I2,I1	JOBNO	NUMBER
PK,I2	ROWORDER	NUMBER
PK,I1	DO_NO	NUMBER
PK,I1	IF_NO	NUMBER
I2	SHOUTYPE	CHAR(2)
	URGENCY	CHAR(2)
	MESSAGE	VARCHAR(255)
	WHENCOND	VARCHAR(10)
	SHOUTIME	CHAR(4)
	EXECPARM	NUMBER
	EXECTYPE	CHAR(2)
	EXECOPER	CHAR(2)
	LOGIC_DEST	VARCHAR(16)

CMS_SETVAR

PK,I1	JOBNO	NUMBER
PK,I1	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
I1	SETVARTYPE	CHAR(2)
	GLOBALIND	CHAR(2)
	VAR	VARCHAR(40)
	VAREXPR	VARCHAR(214)
	VARSCOPE	VARCHAR(20)

CMS_CON_J

PK	JOBNO	NUMBER
PK	ROWTYPE	CHAR(2)
PK	ROWORDER	NUMBER
PK	DO_NO	NUMBER
PK	IF_NO	NUMBER
	CONDNAME	VARCHAR(255)
	DATEREF	CHAR(4)
	OP	CHAR(2)
	PARENTHESES	CHAR(2)

Security Definitions

CMS_ACTAUT

PK	USERNAME	VARCHAR(30)
PK	NODEIDV	ARCHAR(50)
PK	OWNER	VARCHAR(30)
	HOLD	CHAR(2)
	FORCE	CHAR(2)
	DELETEACT	CHAR(2)
	RERUN	CHAR(2)
	LOG	CHAR(2)
	WHY	CHAR(2)
	STATIST	CHAR(2)
	SYSOUTVIEW	CHAR(2)
	MAYORDER	CHAR(2)
	CONF	CHAR(2)
	ZNS	CHAR(2)
	KILLJOB	CHAR(2)
	C1	CHAR(2)
	C2	CHAR(2)
	C3	CHAR(2)

CMS_IOAAUT

PK	USERNAME	VARCHAR(30)
PK	NODEID	VARCHAR(50)
PK	RESTYPE	VARCHAR(12)
	ADDACT	CHAR(2)
	DELETEACT	CHAR(2)
	CHANGEACT	CHAR(2)

CMS_SCHAUT

PK	USERNAME	VARCHAR(30)
PK	NODEID	VARCHAR(50)
PK	SCHEDTAB	VARCHAR(20)
	ADDACT	CHAR(2)
	DELETEACT	CHAR(2)
	READACT	CHAR(2)
	UPDATEACT	CHAR(2)
	MAYORDER	CHAR(2)

CMS_IOACHK

PK	RESTYPE	VARCHAR(12)
PK	RESNAME	VARCHAR(20)
	CHECKSUM	NUMBER

CMS_USERS

PK	USERNAME	VARCHAR(30)
PK	NODEID	VARCHAR(50)
	USERDESCR	VARCHAR(50)
	USERGROUP	VARCHAR(32)

Configuration Parameters

CMS_SYSPRM

PK	COMPUTER	VARCHAR(20)
PK	OPSYS	VARCHAR(20)
PK	VERSION	VARCHAR(32)
PK	CMVERSION	CHAR(10)
	DBVERSION	CHAR(10)
	DATETYPE	CHAR(8)
	LOGDIR	VARCHAR(255)
	PROCLIB	VARCHAR(255)
	DAYTIME	VARCHAR(6)
	SLEEPINT	NUMBER
	CM_DATE	CHAR(8)
	STATIST	CHAR(2)
	NONSWAP	CHAR(2)
	UNIQJOB	CHAR(2)
	MAXJOBLOG	NUMBER
	MAXAJFREC	NUMBER
	MAXTRY	NUMBER
	MAXSHUT	NUMBER
	MAXBATQJB	NUMBER
	MAXLOGFILE	NUMBER
	SWEEK	CHAR(2)
	MSGCHAR	CHAR(3)
	MSGLENGTH	NUMBER
	QUENAME	VARCHAR(20)
	QUELIB	VARCHAR(10)
	SBMMSGQ	VARCHAR(10)
	SBMMSGQLIB	VARCHAR(10)
	ACT_SH_TAB	VARCHAR(10)
	CMD_ALLOW	CHAR(2)
	MESS_LANG	CHAR(3)
	DBLOCKTIME	NUMBER
	AUTODELARC	CHAR(2)
	AUTOCOPY	CHAR(2)
	A1	VARCHAR(20)
	A2	VARCHAR(20)
	N1	NUMBER
	N2	NUMBER
	C1	CHAR(2)
	C2	CHAR(2)
	DEFPRT	VARCHAR(50)
	SBRETAIN	CHAR(2)
	DELRETAIN	CHAR(2)
	IOALOGLM	NUMBER
	SYSOUTRET	NNUMBER
	UNKNOWNTIM	NUMBER
	CTMSMODE	CHAR(2)
	PERCALGAP	NUMBER
	SECURE	CHAR(2)
	MIRRORDB	CHAR(2)
	RUNCOUNT	NUMBER
	MAX_RUNCOUNT	NUMBER
	SSL_ENBL	CHAR(2)
	IOALOGLM_USE	NUMBER
	SYSOUTRETN_USE	NUMBER
	CURR_IOALOG_DAY	NUMBER
	CURR_JOBINF_DAY	NUMBER

CMS_APPGRP

PK	GRPNAMEV	ARCHAR(50)
PK	APPLTYPE	VARCHAR(10)

CMS_NODID

PK	NODEID	VARCHAR(50)
PK	APPLTYPE	VARCHAR(10)
	APPLVER	VARCHAR(10)
	CMVER	VARCHAR(10)

CMS_SHDEST

PK	ACT_SH_TAB	VARCHAR(10)
PK	LOGIC_DEST	VARCHAR(16)
	ADDRTYP	CHAR(2)
	NODEID	VARCHAR(50)
	DESTYPE	CHAR(2)
	DESTARGETV	ARCHAR(96)

CMS_CMNPRM

PK	DATA_CNTR	CHAR(2)
	APPL_ID	CHAR(2)
	MIN_SERV	NUMBER
	MAX_SERV	NUMBER
	EXE_PATH	VARCHAR(255)
	IN_PORT	NUMBER
	OUT_PORT	NUMBER
	DB_BASE	NUMBER
	DBU_LEVEL	NUMBER
	WS_RELVER	CHAR(5)
	CM_RELVER	CHAR(5)
	DATA_CNTR_NAME	VARCHAR(32)

Pool Resources

CMR_CONTAB

PK	CONDNAME	VARCHAR(255)
PK	CONDDATE	CHAR(8)

CMR_CTLTAB

PK	CONTROL	VARCHAR(20)
	CMODE	CHAR(2)
	RESCOUNT	NUMBER
	USECOUNT	NUMBER

CMR_QRTAB

PK	QRESNAMEV	ARCHAR(20)
	QTYPE	CHAR(2)
	QRTOTAL	NUMBER
	RSRVNO	NUMBER
	QRUSED	NUMBER

Scheduling Data

CMS_DATEMM

PK	CALNAME	VARCHAR(10)
PK	JOBYEAR	CHAR(4)
	DAYMASK	TEXT
	CALTYPE	CHAR(1)
	CALDESC	VARCHAR(50)

CMS_SCHEDT

PK	DAILYNAME	VARCHAR(10)
PK	SCHEDTAB	VARCHAR(20)

CMS_NODGRP

PK	GRPNAME	VARCHAR(50)
PK	NODEID	VARCHAR(50)
PK	TIMESTMP	CHAR(22)

Diagnostics

CMR_SP_DIAG_REQUEST

PK	SPNAME	VARCHAR(64)
	DIAGREQ	CHAR(2)

CMR_SP_DIAG_MESSAGES

PK	SPNAME	VARCHAR(64)
PK	KEYSTMP	CHAR(22)
	MESSAGE	VARCHAR(2048)

- Active Jobs
- Configuration Parameters
- Job Definition
- Security Definitions
- Scheduling Data
- Pool Resources
- Diagnostics

Project: CONTROL-M/ **Server**

Version: 6.2.01. September 2005

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bmcsoftware

PK-Primary Key, I-Indexed Field, U-Unique constraint