

AOE Mobile as CSA-Tool

T-Systems Airport User Days & Conference |
September, 7-8 2023

T Systems Let's power
higher performance



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CDM Use Case in AOE Mobile

- A-CDM Information Sharing ideology
- Timestamp updates
- DPI Messages
- Alarms
- Milestone Approach visibility
- Registration Updates

Welcome > TURNS_NEW_TABS

Columns

Flight Arr	Flight Status Arr	From	Org	ACT Arr	SIBT	AIBT	ELDT	Flight Dep	Flight Status Dep	Dest	To	ACT Dep	SOBT	ATOT	BOBT
AF2103	S	LYS	LYS	AR8	23:12 ⁻¹			AF2104	S	LYS	LYS	AR8	23:57 ⁻¹	23:57 ⁻¹	
FR2105	S	MUC	MUC	73H	23:23 ⁻¹			FR2106	S	MUC	MUC	73H	23:58 ⁻¹	23:58 ⁻¹	
LH2107	S	FRA	FRA	321	23:35 ⁻¹			LH2108	S	FRA	FRA	321	00:20	00:20	
4U2109	S	DUS	DUS	737	23:42 ⁻¹			4U2110	S	DUS	DUS	737	00:25	00:25	
BA2111	S	LHR	LHR	320	23:56 ⁻¹			BA2112	S	LHR	LHR	320	00:37	00:37	
EI2201	S	TXL	TXL	AT4	00:05			EI2202	S	TXL	TXL	AT4	00:35	00:35	
AF2203	S	LYS	LYS	AR8	00:12			AF2204	S	LYS	LYS	AR8	00:57	00:57	
FR2205	S	MUC	MUC	73H	00:23			FR2206	S	MUC	MUC	73H	00:58	00:58	
LH2207	S	FRA	FRA	321	00:35			LH2208	S	FRA	FRA	321	01:20	01:20	

Details Arr Res Dep Res Arr Aircraft Handling Dep Aircraft Handling Arr Codesharer Dep Codesharer Arr Stats Dep Stats Arr Op Info Dep Op Info Arr CDM >



Flight Arr	Flight Status Arr	From	Org	ACT Arr	SIBT	AIBT	ALDT	ELDT	Flight Dep
BA2111	S	LHR	LHR	320	18/05/21	23:56			BA2112
Flight Status Dep	Dest	To	ACT Dep	SOBT	TOBT	AEBT	AOBT	ASBT	ATOT
S	LHR	LHR	320	19/05/21	00:37				
BOBT									



































19/05/21 00:37

A-CDM Timestamps

BER

FLUGHAFEN
BERLIN
BRANDENBURG

User: tsyaoe Timezone: LOCAL Status: OK  [? Hilfe](#) [Theme](#) 0 


A	Status Dep	Departure	Callsign Dep	Registration	LFZ-ICAO	FFH	FFH (ICAO)	Pos. Dep	STD	SOBT	EOBT	TOBT	#TOBT	TSAT	TTOT	DPI	ACZT	AEZT	AOBT	CTOT	ATOT
		CNL	LH 045	DLH5HW	A320	FRA	EDDF		07:15	07:15											
		TOF	LH 9927	DLH9927 DAIUA	A320	FRA	EDDF	D11	07:15	07:15	07:15	07:15	0	07:15	07:30	ADP			07:22		07:28
		CNL	LH 175	DLH6KU	A321	FRA	EDDF		07:45	07:45											
		TOF	LH 9907	DLH9907 DAIRR	A321	FRA	EDDF	B03	08:45	08:45	08:45	08:35	1	08:35	08:45	ADP			08:37		08:47
		CNL	LH 177	DLH6AF	A20N	FRA	EDDF		08:45	08:45											
		TOF	LH 9851	DLH9851 DAIEH	A21N	MUC	EDDM	B04	09:00	09:00	09:00	08:50	1	08:50	09:06	ADP			08:58		09:07
		CNL	LH 1929	DLH4KR	A20N	MUC	EDDM		09:00	09:00											
		CNL	LH 1931	DLH7CK	A320	MUC	EDDM		10:00	10:00											
		CNL	LH 183	DLH8NC	A320	FRA	EDDF		10:45	10:45											
		CNL	LH 1935	DLH3RP	A321	MUC	EDDM		11:00	11:00											
		PLN	LH 9859	DLH9859 DAIDM	A321	MUC	EDDM	B04	11:00	11:00	11:00			11:08	TDP						
		CNL	LH 185	DLH6VA	A321	FRA	EDDF		11:45	11:45											
		PLN	LH 9919	DLH9919 DAIRT	A321	FRA	EDDF	B05	11:45	11:45	11:45			11:52	EDP						
		CNL	LH 187	DLH5CX	A20N	FRA	EDDF		12:45	12:45											
		CNL	LH 1937	DLH9WA	A320	MUC	EDDM		12:55	12:55											
		CNL	LH 1939	DLH1WH	A320	MUC	EDDM		14:30	14:30											
		PLN	LH 9923	DLH9923 DAISB	A321	FRA	EDDF	B02	14:45	14:45											

Previous 1 Next

Flight Details

CDM Alarms

A



Status Dep

TOF

Departure

LH 9907

Callsign Dep

DLH9907

Registration

DAIRR

LFZ-ICAO

A321

FFH

FRA

FFH (ICAO)

EDDF

Pos. Dep

B03

STD

13/03/2023 08:45

SOBT

13/03/2023 08:45

EOBT

13/03/2023 08:45

TOBT

13/03/2023 08:35

#TOBT

1

TSAT

13/03/2023 08:35

TTOT

13/03/2023 08:45

Departures CDM

Status: OKTimezone: LOCAL

1

demo_admin

Welcome > Mobile Departures

Default sort

Columns

Day Dep	Flight Dep	Callsign Dep	Reg Dep	ACT Dep	Flight Status Dep	SOBT	EOBT	AOBT	ATOT	Stand Dep	Departure Gates	Runway Dep	To	Dest
14:20	BR238	EVA238		77W	T	14:20	14:20	14:20	14:32	D61	D06	25R	TPE	TPE
14:20	IU886	IU886		320	T	14:20	14:20	14:20	14:32	A53	A01	25R	KNO	KNO
14:25	JT568	LNI568		738	T	14:25	14:25	14:25	14:37	A23	U11	25R	YIA	YIA
14:25	JT534	LNI534		738	T	14:25	14:25	14:25	14:37	HOLD	A02	25R	SOC	SOC
14:25	UL365	ALK365		333	T	14:25	14:25	14:25	14:37	R54	D01	25R	CMB	CMB
14:25	GA410	GIA410		773	T	14:25	14:25	14:25	14:37	G38	U12	25R	DPS	DPS
14:30	CX776	CPA776		773	T	14:30	14:30	14:30	14:42	D41	D04	25R	HKG	HKG
14:30	JT378	LNI378		738	T	14:30	14:30	14:30	14:42	B21	A04	25R	BTH	BTH
14:30	QG332	CTV332		320	T	14:30	14:30	14:30	14:42	C62	C07	25R	UPG	UPG
14:30	IU600	IU600		320	T	14:30	14:30	14:30	14:42	A31	A03	25R	BPN	BPN
14:35	IN078	NIH078		735	T	14:35	14:35	14:35	14:47	F72	C01	25R	PGK	PGK
14:40	CI762	CAL762		A3509	T	14:40	14:40	14:40	14:52	G14	U04	25R	TPE	TPE
14:40	VN630	HVN630		321	T	14:40	14:40	14:40	14:52	G11	U01	25R	SGN	SGN
14:45	IP242	IP242		320	T	14:45	14:45	14:45	14:57	A33	U11	25R	YIA	YIA
14:45	GA212	GIA212		738	T	14:45	14:45	14:45	14:57	HOLD	HOLD	25R	YIA	YIA
14:45	GA504	GIA504		738	T	14:45	14:45	14:45	14:57	G42	U13	25R	PNK	PNK
14:45	QG762	CTV762		320	T	14:45	14:45	14:45	14:57	C41	C04	25R	SOC	SOC
14:50	IN170	NIH170		735	T	14:50	14:50	14:50	15:02	R59	C03	25R	SMQ	SMQ
14:55	WY850	OMA850		78800	T	14:55	14:55	14:55	15:07	G18	U06	25R	MCT	MCT
14:55	ID6346	BTK6346		738	T	14:55	14:55	14:55	15:07	C46	C05	25R	SRG	SRG
15:00	IU340	IU340		320	T	15:00	15:00	15:00	15:12	R52	C02	25R	SUB	SUB

12345»

Dep CDMDPI

Flight Status Dep

Flight Dep

CdmStatus

T

JT568

DEP

SOBT

EOBTc

EOBTL

13/03/2314:25

13/03/2314:25

POBT

Flight Rule

TOBT#

13/03/2314:25

I

0

CDM Departure

CGT	TTT	SBT	RDT	EGT	GHT	SRT	SAT	OBT	XOT
M	15								
S								14:25	
E									13
T							U		
A		13:55	14:25		14:25	14:25		14:25	12

ETOT

13/03/2314:38

RTOT

STOT

TTOT

13/03/2314:38

CTOT

ATOT

13/03/2314:37

Arrival CDM

<div> <div></div> <div>Status: OK </div> <div>Timezone: LOCAL</div> <div>1 ?</div> <div>demo_admin</div> </div>												
Welcome > Mobile Arrivals												
<div> <div></div> <div>Default sort</div> <div>Columns</div> </div>												
Day Arr	Flight Arr	ACT Arr	Reg Arr	Reforiginairport	Stand Arr	Flight Status Arr	SIBT	ELDT	ALDT	AIBT	First Bag	Last Bag
21:45	QZ257	320		DMK	HOLD	IBK	21:45	21:35	21:35	21:44	21:44	22:14
21:50	JT383	738		KNO	HOLD	IBK	21:50	21:39	21:39	21:47	21:47	22:17
21:55	ID6019	738		KUL	HOLD	IBK	21:55	21:50	21:50	21:56	21:56	22:26
21:55	QG725	320		SUB	HOLD	CNL	21:55	22:04			22:09	22:39
22:05	IU505	320			HOLD	IBK	22:05	22:07	22:07	22:13	22:13	22:43
22:05	JT041	738			HOLD	IBK	22:05	22:05	22:05	22:10	22:10	22:40
22:05	IU745	320		DPS	HOLD	IBK	22:05	22:01	22:01	22:11	22:11	22:41
22:10	EK358	77W		DXB	E21	CNL	22:10	22:00			22:07	22:37
22:15	QG947	320		KNO	HOLD	CNL	22:15	22:28			22:33	23:03
22:15	QG883	320		KNO	HOLD	CNL	22:15	22:10			22:19	22:49
22:35	IU889	320		KNO	HOLD	IBK	22:35	22:25	22:25	22:30	22:30	23:00
22:45	MU5069	332		PVG	HOLD	IBK	22:45	22:42	22:42	22:52	22:52	23:22
22:45	QZ269	320		SIN	HOLD	CNL	22:45	22:30			22:36	23:06
22:50	JT305	738		KNO	HOLD	IBK	22:50	22:41	22:41	22:47	22:47	23:17
22:50	QG921	320		KNO	HOLD	IBK	22:50	22:52	22:52	22:59	22:59	23:29
22:55	QG691	320			HOLD	CNL	22:55	22:36			22:44	23:14
22:55	CX797	773		HKG	HOLD	IBK	22:55	22:45	22:45	22:54	22:54	23:24
23:00	IU895	320		KNO	HOLD	IBK	23:00	22:49	22:49	22:55	22:55	23:25

«

1

2

3

4

»

Arr Op Info

Arr CDM

Flight Arr

IU505

SIBT

10/03/23

22:05

CDM Arrival

TOT (outstn)	LDT	XIT	IBT
S			22:05
E	22:07	5	22:12
T			
A 20:05	22:07	6	22:13



DPI Messages

Status: OK

Timezone: LOCAL

demo_admin

Welcome > Mobile Departures

Default sort

Columns

Flight Dep	ACT Dep	TOBT	SOBT	BOBT	Comment Dep	AOBT	ATOT	Stand Dep	ASBT	AEBT	Dest	Flight Status Dep
4U810	737		10:25	10:27		10:27	10:37	HOLD	10:27	10:27	DUS	T
EI902	AT4		10:35	10:37		10:37	10:47	HOLD	10:37	10:37	TXL	T
BA812	320		10:37	10:39		10:39	10:49	HOLD	10:39	10:39	LHR	T
AF904	AR8		10:57	10:59		10:59	11:09	HOLD	10:59	10:59	LHR	T
FR906	73H		10:58	11:00		11:00	11:10	HOLD	11:00	11:00	MUC	T
LH908	321		11:20	11:22		11:22	11:32	HOLD	11:22	11:22	FRA	T
4U910	737		11:25	11:27		11:27	11:37	HOLD	11:27	11:27	DUS	T
EI1002	AT4		11:35	11:37		11:37	11:47	HOLD	11:37	11:37	TXL	T
BA912	320		11:37	11:39		11:39	11:49	HOLD	11:39	11:39	LHR	T
AF1004	AR8		11:57	11:59		11:59	12:09	HOLD	11:59	11:59	LYS	T
FR1006	73H		11:58	12:00		12:00	12:10	HOLD	12:00	12:00	MUC	T
LH1008	321		12:20	12:22		12:22	12:32	HOLD	12:22	12:22	FRA	T
4U1010	737		12:25	12:27		12:27	12:37	HOLD	12:27	12:27	DUS	T
EI1102	AT4		12:35	12:37		12:37	12:47	HOLD	12:37	12:37	TXL	T
BA1012	320		12:37	12:39		12:39	12:49	HOLD	12:39	12:39	LHR	T
AF1104	AR8		12:57	12:59		12:59	13:09	HOLD	12:59	12:59	LYS	T
FR1106	73H		12:58	13:00		13:00	13:10	HOLD	13:00	13:00	MUC	T
LH1108	321		13:20	13:22		13:22	13:32	HOLD	13:22	13:22	FRA	T

1

2

Details

Dep CDM

CDM Alarms

DPI

Dpi

Status	Created	TTOT	Rule	Description	Send?
E	10:38		MANUAL		<input checked="" type="checkbox"/>

-TITLE DPI

-DPISTATUS EARLY

-ARCID AFR904

-ADEP LFLL

-ADES EGLL

-TAXITIME 0010

-SOBT 0957





-SOBD Z30313







































































































-ARCTYP RJ85

A-CDM Alarms

BER

FLUGHAFEN
BERLIN
BRANDENBURG


User: ad Timezone: LOCAL Status: OK   Hilfe  Theme 0 

Departure	A	Ind. Dep	LFZ-Typ Dep	TOBT	BKTD	STD	SOBT	CTOT	TTOT	AOBT	ATOT	BTA	BTD	Eis ang.
 TO 3405		   	73W	14:35	14:35	14:35				14:35	14:35	13:48	14:35	
 FR 8952		   	73W	14:35	14:35	14:35				14:35	14:35	13:50	14:35	
 FR 2590		   	73W	14:40	14:40	14:40				14:40	14:40	13:40	14:40	
 LH 191		   	321	14:45	14:45	14:45	14:45		14:55	14:45	14:45	13:56	14:45	
 EW 8004		   	32A	14:45	14:45	14:45	14:45		14:55	14:45	14:45	13:35	14:45	
 FR 3376		   	73W	14:45	14:45	14:45				14:45	14:45	13:44	14:45	
 MS 732		   	32V	14:55	14:55	14:55				14:55	14:55	13:53	14:55	
 LX 967		   	A223	14:55	14:55	14:55				14:55	14:55	14:14	14:55	
 TK 1726		   	333	14:55	14:55	14:55				14:55	14:55	13:33	14:55	
 EJU5105		   	320	14:55	14:55	14:55				14:55	14:55	10:31	14:55	
 OS 230		   	32V	15:10	15:10	15:10				15:10	15:10	14:24	15:10	
 AF 1235		   	A223	15:15	15:15	15:15				15:15	15:15	14:19	15:15	
 BA 989		   	A1N	15:15	15:15	15:15				15:15	15:15	14:25	15:15	
 D8 4506		   	73W	15:30	15:30	15:30				15:30	15:30	14:53	15:30	
 PC 980		   	A1N	15:30	15:30	15:30				15:30	15:30	14:26	15:30	
 EW 9041		   	32A	15:35	15:35	15:35				15:35	15:35	14:50	15:35	
 EW 8951		   	320	15:40	15:40	15:40				15:40	15:40	15:10	15:40	

Previous 1 2 3 Next

Flight Details

CDM Alarms

 CDM03 MAIL

Alarm from WS

Aircraft Type inconsistency between ATC flight plan A737 and Airport Database A320. Immediate update of ATC Flight Plan or Airport Database is needed.
NOTE: THE AIRPORT CDM PROCESS WILL NOT BE SUSPENDED BUT START UP / PUSHBACK CLEARANCE WILL NOT BE GRANTED UNTIL DISCREPANCY IS RESOLVED.

Native App

T-Systems Airport User Days & Conference |
September, 7-8 2023

T Systems Let's power
higher performance



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What is the Native App

Main purpose

- Manage Flight TOBT

Target User

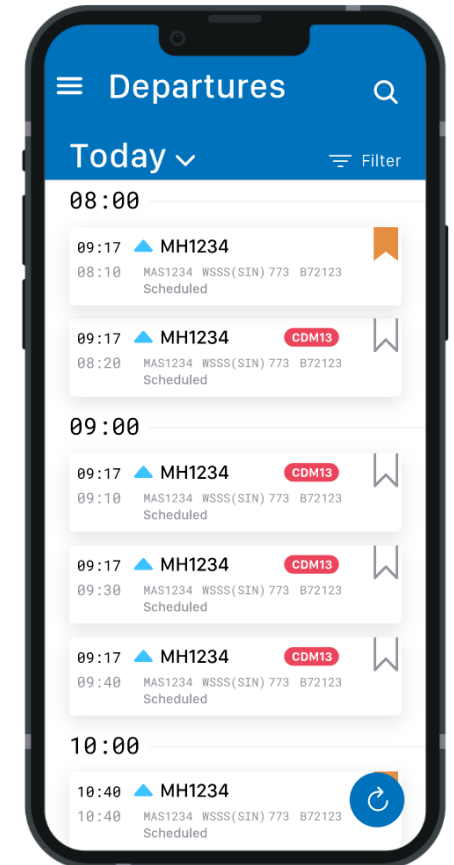
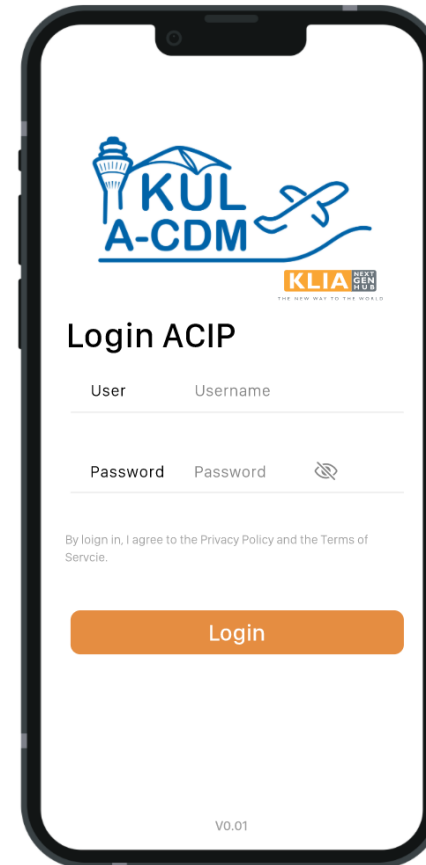
- Ground Handler and/or Airlines

User Authentication

- AOS unified management

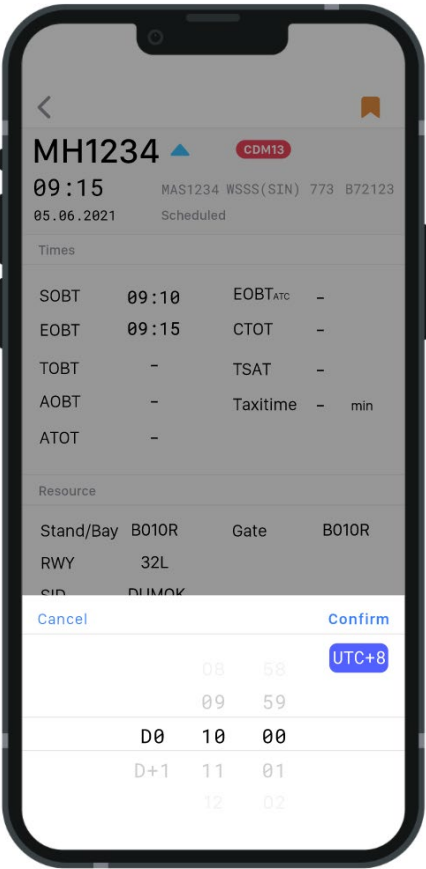
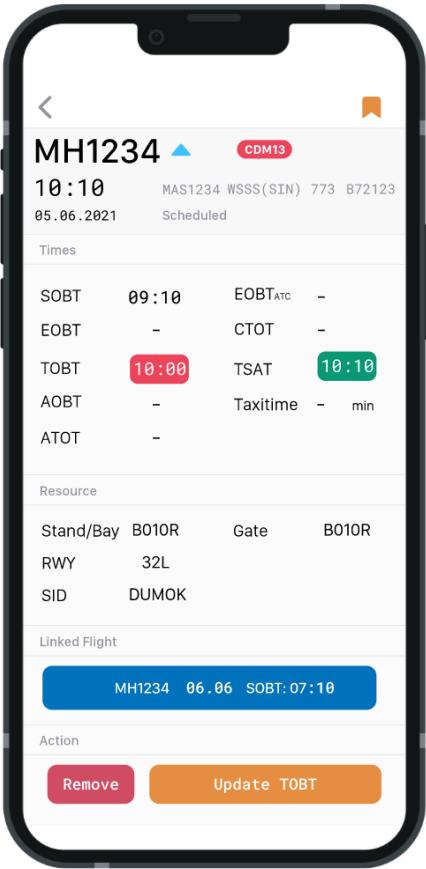
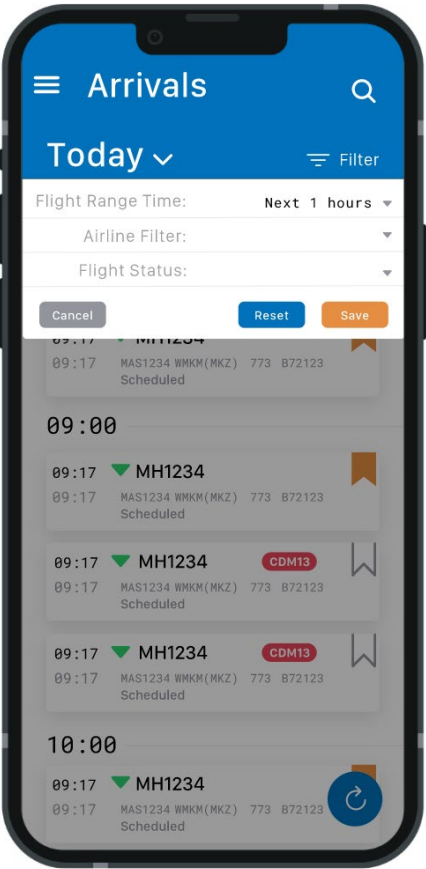
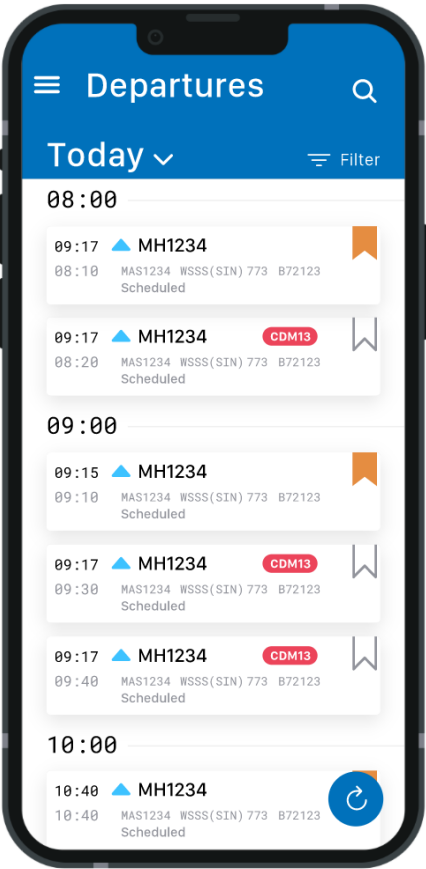
Supported Device

- Android and iOS Platform





Look inside



Thank you!

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