

CIIL Frequently Asked Questions Version 1.3

26 March 2004

1. **What is CIIL?**

CIIL or C2PC ICSF Interface Layer is a middleware solution that layers the ICSF Java APIs on top of C2PC. This enables 3rd party segments written in Java to run in the ICSF environment, to also run in a C2PC environment.

2. **Why would I use CIIL?**

CIIL would be used when a segment developer wants to port an ICSF/Java segment to run on C2PC.

3. **What is the difference between CIIL – C2PC and CIIL– AFW?**

There are two versions of CIIL. The initial prototype, CIIL-AFW is no longer being developed nor supported. It was a design that embedded some C2PC components in to the AFW environment. CIIL-C2PC, now under development, will provide the ICSF Java APIs in a C2PC environment.

4. **Which version of CIIL should I use?**

CIIL-C2PC is the only supported version of CIIL going forward.

5. **When will the CIIL-AFW version be available?**

CIIL-AFW is no longer being developed nor supported.

6. **When will the CIIL-C2PC version be available?**

CIIL-C2PC is scheduled for late December 2003 initial delivery.

7. **Is CIIL an open source code project?**

Yes. Source code for CIIL is available after signing the CIIL Open Source Agreement.

8. **How do I get the source code for CIIL?**

TBD.

9. **How do I make contributions to CIIL?**

TBD.

10. **How do I run my segment?**

Start the ICSF Injector in C2PC then your segment.

11. **Do I need to modify my compilation environment to use CIIL?**

No

12. **What versions of ICSF are supported?**

ICSF 4.5.2.7 and higher are supported.

13. What versions of C2PC are supported?

C2PC versions 6.0.2.0 are supported.

14. What track types are supported?

CIIL relies on the embedded C2PC track capability. CIIL does not provide any additional track types.

15. What overlay types are supported?

CIIL relies on the embedded C2PC overlay capability. CIIL does not provide any additional overlay capability.

16. What are the plans for continued development of CIIL?

CIIL-C2PC Mode will continue to be enhanced to support most ICSF Java Client capabilities.

17. What JMV APIs are supported?

	All Classes	Done	Partial	Not Planned	Comments
1	BadChartConnectionException		1		
2	IJmvAirCorridorACL	1			
3	IJmvAirCorridorACP	1			
4	IJmvAirCorridorModel	1			
5	IJmvArcModel	1			
6	IJmvArrowModel	1			
7	IJmvBitmapModel	1			
8	IJmvBoundaryAttr	1			
9	IJmvBoundaryModel	1			
10	IJmvBoxModel	1			
11	IJmvChartObjectListener	1			
12	IJmvCircleModel	1			
13	IJmvClientMessageListener	1			
14	IJmvConicModel	1			
15	IJmvControlPointModel	1			
16	IJmvCorridorAttr	1			
17	IJmvCorridorModel	1			
18	IJmvDropEventListener	1			
19	IJmvEllipseModel	1			
20	IJmvEventConstants	1			
21	IJmvEventListener	1			
22	IJmvGlyphSymbolModel	1			
23	IJmvGraphicsModel	1			
24	IJmvHemisphereModel	1			
25	IJmvIconModel	1			
26	IJmvLineModel	1			
27	IJmvMapApp	1			

28	IJmvMapWin	1			
29	IJmvMilPointModel	1			
30	IJmvMilPolygonModel	1			
31	IJmvMilSymbolModel	1			
32	IJmvMinefieldModel	1			
33	IJmvMouseTool	1			
34	IJmvNBCModel	1			
35	IJmvObjectChangeListener	1			
36	IJmvObjectSelectionListener	1			
37	IJmvPixmapModel	1			
38	IJmvPoint	1			
39	IJmvPolygonModel	1			
40	IJmvProductMessageListener	1			
41	IJmvRBLLineModel	1			
42	IJmvRectangleModel	1			
43	IJmvRefreshCompleteListener	1			
44	IJmvRotatedTextModel	1			
45	IJmvSectorModel	1			
46	IJmvSegmentModel	1			
47	IJmvShellModel	1			
48	IJmvSlashModel	1			
49	IJmvSpriteModel	1			
50	IJmvSymbolExModel	1			
51	IJmvSymbolModel	1			
52	IJmvSymbolPart	1			
53	IJmvTacSymbolModel	1			
54	IJmvTargetModel	1			
55	IJmvText16Model	1			
56	IJmvTextModel	1			
57	IJmvTime	1			
58	IJmvVectorModel	1			
59	IJmvVolumeModel	1			
60	IJmvWindBarbModel	1			
61	IJmvWindowChangeListener	1			
62	IJmvWindowListener	1			
63	JmvAirCorridor		1		
64	JmvAirCorridorACL		1		
65	JmvAirCorridorACP		1		
66	JmvAirCorridorModel		1		
67	JmvArc	1			
68	JmvArcAnimation	1			
69	JmvArcModel	1			
70	JmvArrow	1			
71	JmvArrowAnimation	1			
72	JmvArrowModel	1			
73	JmvBitmap	1			
74	JmvBitmapAnimation	1			

75	JmvBitmapModel	1			
76	JmvBoundary		1		No Jm support
77	JmvBoundaryAnimation		1		No Jm support
78	JmvBoundaryAttr	1			
79	JmvBoundaryModel	1			
80	JmvBox	1			
81	JmvBoxAnimation	1			
82	JmvBoxModel	1			
83	JmvBrgCorrect	1			
84	JmvBrgRng	1			
85	JmvChannel	1			
86	JmvChartObject	1			
87	JmvChartObjectListener	1			
88	JmvCircle	1			
89	JmvCircleAnimation	1			
90	JmvCircleModel	1			
91	JmvClientMsg	1			
92	JmvConic			1	
93	JmvConicModel			1	
94	JmvControlPoint	1			
95	JmvControlPointAnimation	1			
96	JmvControlPointModel	1			
97	JmvCorridor			1	No Jm support
98	JmvCorridorAnimation		1		No Jm support
99	JmvCorridorAttr	1			
100	JmvCorridorModel	1			
101	JmvDataFolders	1			
102	JmvDefaultMouseTool	1			
103	JmvDropEvent			1	
104	JmvEllipse	1			
105	JmvEllipseAnimation	1			
106	JmvEllipseModel	1			
107	JmvEvent	1			
108	JmvGetCurrent	1			
109	JmvGlyphSymbol	1			
110	JmvGlyphSymbolAnimation	1			
111	JmvGlyphSymbolModel	1			
112	JmvGraphicsModel	1			
113	JmvHemisphere			1	
114	JmvHemisphereModel			1	
115	JmvHookPoint		1		
116	JmvIcon		1		No Jm support
117	JmvIconAnimation		1		No Jm support
118	JmvIconModel	1			
119	JmvLine	1			
120	JmvLineAnimation	1			
121	JmvLineModel	1			

122	JmvMapApp	1			
123	JmvMapWin		1		
124	JmvMilPoint		1		setAnimate(), setHooks()
125	JmvMilPointModel	1			
126	JmvMilPolygon		1		setAnimate(), Additional Jm support.
127	JmvMilPolygonAnimation	1			
128	JmvMilPolygonModel		1		
129	JmvMilSymbol		1		
130	JmvMilSymbolAnimation		1		awaiting JmvMilSymbolTest
131	JmvMilSymbolModel		1		
132	JmvMinefield		1		
133	JmvMinefieldModel	1			
134	JmvNBC	1			
135	JmvNBCModel	1			
136	JmvObject	1			
137	JmvObjectChangeEvent	1			
138	JmvObjectChangeListener	1			
139	JmvObjectEvent	1			
140	JmvObjectModel		1		
141	JmvObjectSelectionListener	1			
142	JmvOffset	1			
143	JmvPenColor	1			
144	JmvPixmap			1	
145	JmvPixmapModel	1			
146	JmvPoint	1			
147	JmvPolygon	1			
148	JmvPolygonAnimation	1			
149	JmvPolygonModel	1			
150	JmvProductMessageListener	1			
151	JmvProductMsg		1		This event never generated
152	JmvRBLLine		1		
153	JmvRBLLineModel		1		
154	JmvRectangle	1			
155	JmvRectangleAnimation	1			
156	JmvRectangleModel	1			
157	JmvRefreshCompleteEvent		1		This event never generated
158	JmvRotatedText	1			
159	JmvRotatedTextAnimation		1		C2PC IText->Track does nothing?
160	JmvRotatedTextModel	1			
161	JmvSector	1			
162	JmvSectorAnimation	1			
163	JmvSectorModel	1			
164	JmvSegment	1			
165	JmvSegmentAnimation		1		C2PC does not support segment animation
166	JmvSegmentModel	1			
167	JmvShell			1	
168	JmvShellModel	1			

169	JmvSlash		1		No Jm support
170	JmvSlashAnimation		1		No Jm support
171	JmvSlashModel	1			
172	JmvSprite			1	No Jm support
173	JmvSpriteModel			1	No Jm support
174	JmvSymbol		1		
175	JmvSymbolAnimation	1			
176	JmvSymbolEx		1		Need Jm side first
177	JmvSymbolExAnimation	1			
178	JmvSymbolExModel	1			
179	JmvSymbolModel	1			
180	JmvSymbolPart	1			
181	JmvTacSymbol	1			
182	JmvTacSymbolAnimation	1			
183	JmvTacSymbolModel	1			
184	JmvTarget	1			
185	JmvTargetAnimation	1			
186	JmvTargetModel	1			
187	JmvText	1			
188	JmvText16	1			
189	JmvText16Animation		1		C2PC IText->Track does nothing?
190	JmvText16Model	1			
191	JmvTextAnimation		1		C2PC IText->Track does nothing?
192	JmvTextModel	1			
193	JmvTime	1			
194	JmvUtils	1			
195	JmvVector			1	ICSF draws nothing
196	JmvVectorModel			1	ICSF draws nothing
197	JmvVolume			1	3d
198	JmvVolumeModel			1	3d
199	JmvWindBarb			1	No Jm support
200	JmvWindBarbAnimation			1	No Jm support
201	JmvWindBarbModel			1	No Jm support
202	JmvWindowChangeEvent	1			
203	JmvWindowEvent	1			
204	JmvWindowListener	1			
205	MapWindowException		1		
206	NoSuchMapException		1		

18. What does this error mean?

Running my Jm/Jmv application stand alone I get an Operation Not Available error

When you try to get the current map and CIIL does not already know what the current map is it tries to attach to the current map running in C2PC. Start C2PC and make sure there is at least one map window showing.

During startup I get an error about DBNotify failing

DBNotify is a C2PC component that uses shared memory to maintain its state. You have corrupted the shared memory state. You will need to reboot your computer to clear the error.