



IAI

International Alliance for Interoperability

Report to CIB W78
Stockholm: June 1998

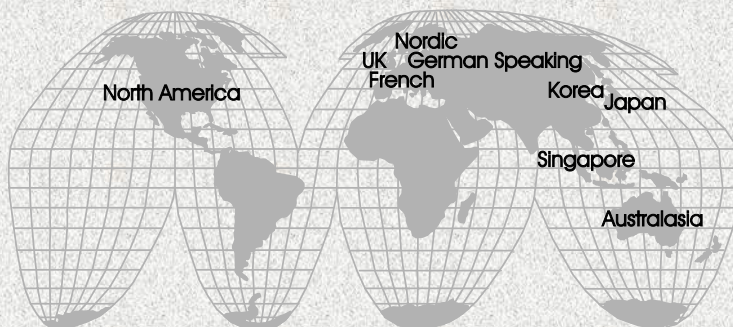
Arto Kiviniemi
IAI International Council Chairman

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Current situation

IAI



- Currently 9 Chapters and at least 17 countries
- More than 600 member organisations
- First IFC based software published
 - acadGRAPH Alberti
 - AutoCAD Architectural Desktop

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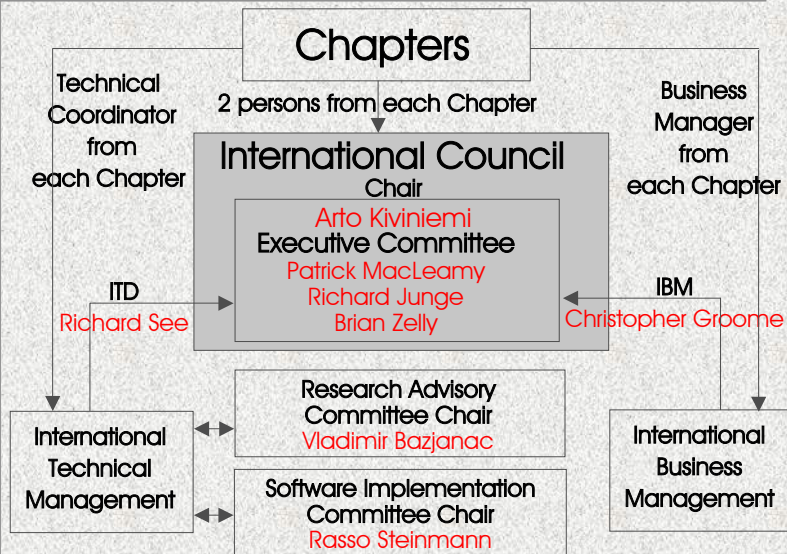
Financial Situation 1998 (US \$)



	Memb	Fee \$	Spons.	Govern.	Total	Int 30%
Australasia	20	8 300	0	83 000	91 300	2 490
French	70	50 000	0	167 000	217 000	15 000
German	64	105 000	0	0	105 000	31 500
Japan	120	80 000	0	0	80 000	24 000
Korea	11	4 400	0	0	4 400	1 320
Nordic	127	47 300	21 000	174 000	242 300	14 190
North America	120	345 000	0	0	345 000	103 500
Singapore	12	23 000	0	0	23 000	6 900
UK	70	99 000	0	0	99 000	8 000
Total	614	762000	21 000	424 000	1 207 000	206 900



International Organisation





Current Implementers

IAI

acadGRAPH	(D)	AIO Group	(FI)
Autodesk	(US)	Bentley	(B/US)
CADPOINT	(S)	Eagle Point	(US)
Granlund	(FI)	Graphisoft	(US)
Hevacomp	(GB)	IBM	(US)
IEZ	(D)	INNOVATIVE TECH	(US)
Intergraph	(US)	Jidea	(FI)
KETIV	(US)	KOUZO	(J)
LBNL	(US)	MC2	(US)
Muigg	(A)	NAOKI	(CAN)
Nemetschek	(D/US)	NIST	(D)
Pacific NW Nat.L	(US)	PGN	(D)
Primavera	(US)	Progman	(FI)
rebis	(US)	RIB	(D)
RoCAD	(H)	SOFiSTiK	(D)
Soffdesk	(US)	Sofftech	(D)
Tietovalli	(FI)	Timberline	(US)
Triplan	(D)	ToCoMan	(FI)
U.S. Cost, Inc.	(US)	Visio	(US)
Viasys	(FI)	Ziegler	(D)



Release 1.5

R1.5

- Completed in December 1997
- Documentation posted to IAI FTP site
- CD has been distributed to members
- Documentation includes:
 - End User Guide (updated from Release 1.0)
 - Processes
 - Model Reference
 - Technical Architecture
 - Guidelines for Development
 - Implementation Guide
 - Testing Guidelines



Release 1.5 Implementation

R1.5

- Trial implementations demonstrated from October 1997 at:
 - Batimat (Paris, October)
 - ACS (Frankfurt, November)
 - IAI Presentation (London, November)
 - IAI Presentation (Copenhagen, November)
 - IAI Presentation and Workshop (Helsinki, November)
 - IAI Workshops (Melbourne and Sydney, February)
- Further demonstrations scheduled for 1998 include:
 - A/E/C Systems (Chicago, June)
 - AEC Japan (September)
 - Batimat (Paris, October)
 - ACS (Frankfurt, November)
 - IAI Presentation (London, November)
 - IAI Presentation (Helsinki, November)

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Release 2.0

R2.0

- Development work on release 2.0 is now active.
- Domain Model extensions in:
 - Architecture
 - Building Services
 - Facilities Management
 - Cost Estimating and Scheduling
- Core Model extensions for:
 - Networks
- Core Model revisions based on implementation experience.

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Release 3.0

R3.0

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- Domain Model extensions in:
 - Architecture
 - Building Services
 - Civil Engineering
 - Codes and Standards
 - Construction & Construction Management
 - Cost Estimating
 - Facilities Management
 - Project Management
 - Structural Engineering
- Core Model extensions for:
 - Referencing external Libraries (product data, etc.)
 - Model Based Documents Management
 - Integration of Legal Issues
 - Performance Attributes of Materials



Release 3.0 Special Projects

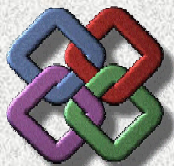
R3.0

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- SP-1 AEC Professional's 'View' of IFC Model
 - A public document providing an overview of the IFC model which enables its ideas to be more easily understood by industry practitioners.
- CB-1 Client Briefing
 - A key model describing a generic reference process which clients and building owners can accept as addressing their various needs from the inception to facilities management. Progressively, it is intended that this model will be able to provide a high level view from which domain process models can be gradually decomposed. It represents both a top down and bottom up approach to industry process models.
 - This model has the potential to frame a development 'roadmap'
- XM-3 Overall model architecture
 - Within each IFC release cycle, the technical architecture of the IFC model and the Core provision will be revisited and adjusted to meet current and foreseen requirements.



More Information



http://iaiweb.lbl.gov	<i>(International)</i>
http://www.interoperability.org.au	<i>(Australasia)</i>
http://cic.cstb.fr/iai-fr/main.htm	<i>(French)</i>
http://mtr.opb.de/iai/	<i>(German)</i>
http://italab.kyunghee.ac.kr/iai_korea	<i>(Korea)</i>
http://www.vtt.fi/cic/niai	<i>(Nordic)</i>
http://iaiweb.lbl.gov//NAchap/chapfrme.htm	<i>(North America)</i>
http://www.ncb.gov.sg/ncb/construction/iai_	<i>(Singapore)</i>
http://www.bre.co.uk/iai	<i>(UK)</i>

Web

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