



Connecting Industry to Education

June 2012
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<http://kite.khronos.org/en>

Return to Taiwan Since February 2012

Summary of visit then

- **Khronos met with leaders from Taiwan industry and academia**
- **Khronos announced the KITE initiative to connect industry to education**
- **Dr. Jenq-Kuen Lee volunteered to be the first Taipei KITE Chair, lending his expertise to Taiwan KITE development activity**

Academia is Responding Positively

Seven New Academic Members joining in 2012 already!

Khronos Academic Member	Country	Date Joined Khronos
ITRI	Taiwan	pending
University of Bristol	Great Britain	pending
Oregon State University	USA	29 May 2012
Politecnico di Milano	Italy	01 Mar 2012
Universita di Bologna	Italy	01 Mar 2012
Universite Claude Bernard Lyon	France	13 Feb 2012
Imperial College London	Great Britain	17 Jan 2012
University of Toronto	Canada	31 May 2011
University Western Australia	Australia	14 May 2010
Kyungpook National University	Korea	23 Mar 2010
Seoul National University	Korea	26 May 2009
UMEÅ	Sweden	18 Apr 2008

KITE

- **Khronos Institute of Training & Education is an initiative to increase communication and cooperation between INDUSTRY and EDUCATORS**
- **Help accelerate development of educational materials for Khronos APIs**
- **Develop standardized testing methods for Khronos API proficiency**
- **Make Khronos certification testing widely available in the industry**



Where Did the Idea for KITE Originate?

- **Khronos spends time on the road at speaking sessions and shows**
- **For many years we heard the same comments from educators:**
 - "It's hard to keep up with so many specifications under rapid development"
 - "It's challenging to convert specifications into courses"
- **Those comments became more frequent and urgent**
- **We started going on road shows especially to seek input from researchers, academia and students**



Comments Heard in Taiwan, Korea & Japan:

- **From Industry:**

- “We hire 100 young OpenGL ES engineers a year and we spend months re-training them to consistent standards - our standards - and it costs us time and money.”
- “We contract 50 OpenGL engineering consultants every year and we want assurances that they are educated and skilled to a measurable benchmark before we engage them.”

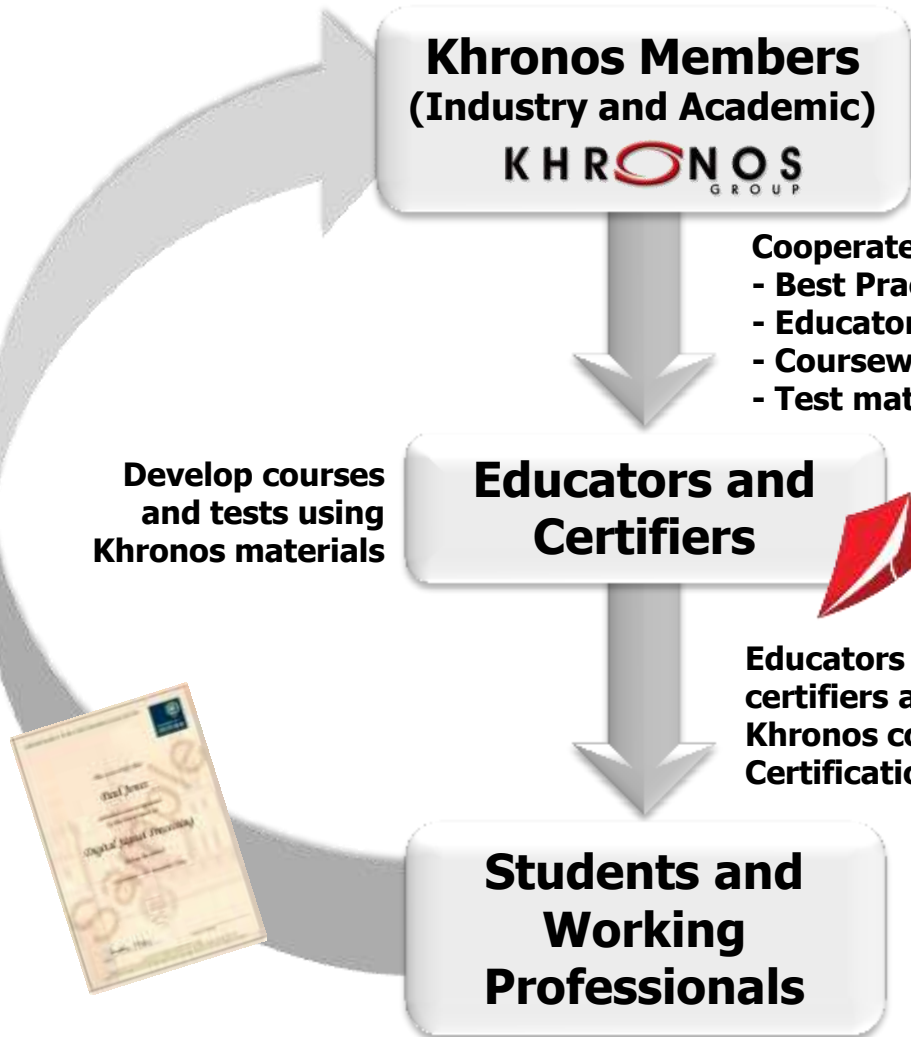
- **From the Korean government:**

- “We have committed significant financial resources to KITE to develop a means to show that our students have the highest ranking scores”
- “We intend to create more jobs in the global workplace for our students and experienced engineers by being able to show we have high-ranking engineers”

KITE Process



Certification helps students and professionals prove their proficiency and land top jobs in the industry...



**Khronos Members
(Industry and Academic)**
K H R O N O S
G R O U P

Cooperate on developing:

- Best Practices
- Educator Guidelines
- Courseware
- Test materials

**Educators and
Certifiers**

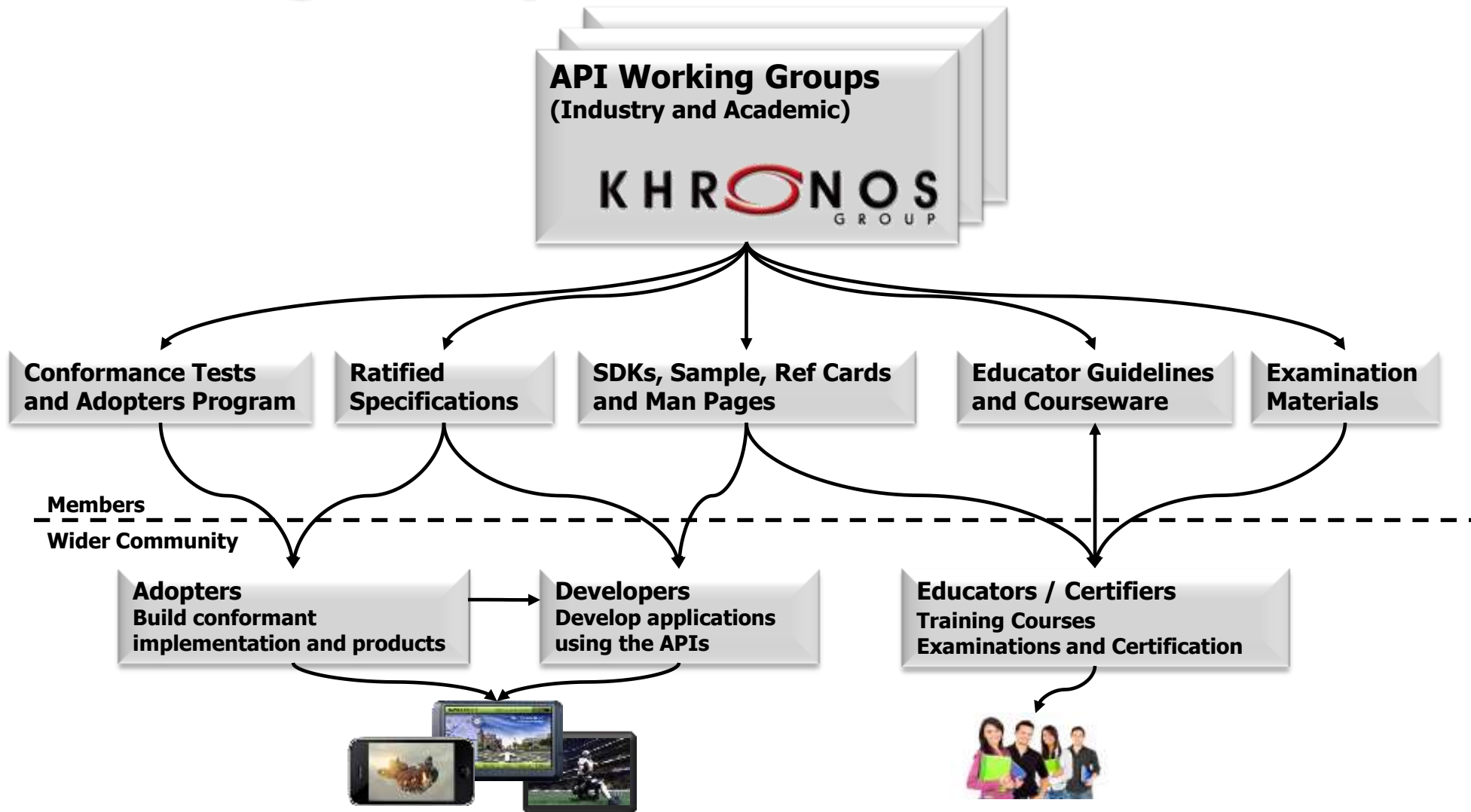
**Educators and third party
certifiers administer
Khronos courses and
Certification exams**

**Students and
Working
Professionals**

**Develop courses
and tests using
Khronos materials**



Working Groups Activities for Education



Next Steps

- **Khronos continues to refine plans regularly at internal sessions**
 - Finalizing details before opening the program to participation
- **On the road talking to Researchers and Academia**
 - This week in Taiwan
 - June 25-28 at JeJu Island in Korea for summit of 50+ professors
- **Reaching out to companies able to administer Khronos Certifications**
 - As a viable business
- **Resolve outstanding questions**
 - Which geographies require certification of educators and institutes?
 - Identification and selection of certification administration companies
- **Get involved!**
 - Join Khronos and drive Khronos API Education
 - <http://kite.khronos.org/en>

