

TriMedia TSSA 4: a 1-day class

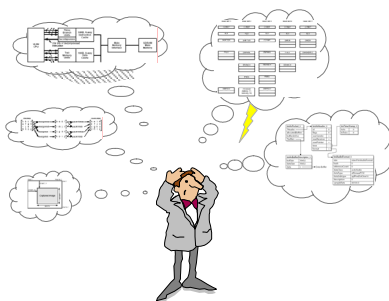
TriMedia Extension



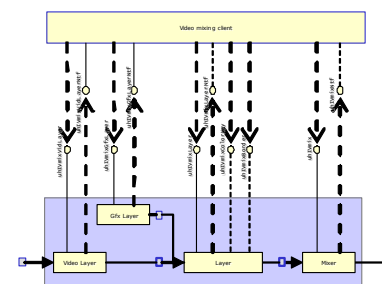
Benefits

- Understand TSSA 4
- Use TSSA 4 components
- Write TSSA 4 wrappers

Learn about the TSSA 4 software architecture, and how to write wrappers to make earlier TSSA components usable in TSSA 4.



Can't face it?



Interface it.

Contents

This session describes and explains the new TSSA 4 standard for TriMedia Streaming Software Architecture including software components, data packets, and connections. Sessions cover:

Software architecture

Learn the principles of the new TSSA 4 standard for the TriMedia software architecture including the evolution of different versions and their consequences for the programmer.

- TSSA 4, 1.6, 1.5 and 1.4
- Operating Layer
- Operating System Abstraction
- Operating system
- Application Layer

Software components

Learn how to use, configure and identify TSSA 4 components and build complete systems.

- Component architecture
- Configuring components
- Connections
- Component pins

Connections

Use connectors and components to build complete systems.

- Component connection
- Packet queues and pools
- Connection toolkit
- Streaming interfaces
- Connection sequence

Data packets

Know how to define and use TSSA 4 software data packets.

- TSSA 4 data packets
- Audio and video data formats

Clocks and synchronization

Learn how to use TSSA 4 clocks for audio/video synchronization.

- TSSA 4 clocks
- A/V synchronization

Creating components

Learn how to create and set up TSSA 4 components.

- Creating TSSA 4 components

Wrappers

Learn the history of evolution through different TSSA versions, the consequences of this for programmers, and learn to use and write wrappers for TSSA 1.5 and TSSA 1.4 components.

- History of TSSA versions
- TSSA 1.5 wrapper
- Creating component via wrappers
- Set up a component via a wrapper

Time and arrangements

This class takes 1 day.

It is presented 'on-site' by arrangement - the material can be adapted if you have specific needs (at extra cost).

Sometimes we arrange 'public' classes: schedules are posted on the Internet:

<http://www.bores.com/schedule.htm>

An extension class

The TSSA 4 class describes a new TSSA architecture. It is of interest to those who will use this new version, or wish to know about it, but this is a specialist topic.

Contact us for advice:

chris@bores.com

Booking and questions

Call us by 'phone or send email to book or to ask questions.

- contact: Dr Chris Bore
- 'phone: +44 (0)1483 740138
- mobile: +44 (0)7921 153219
- email: chris@bores.com

Foundation class

The 'TriMedia Foundation' is a 4-day class on all aspects of the TriMedia. It includes treatment of the Streaming Software Architecture, or all peripherals, and of the TriMedia Operating System. It is a more general class than this one.