



Flash と FCS が拓く 新しい web アプリケーションの可能性

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macromedia®
FLASH CONFERENCE



Flash Communication Server (FCS) とは

- › Flash同士をコミュニケーションさせるサーバーアプリケーション
- › コミュニケーションできるデータの種類
 - › 映像
 - › 音声
 - › Flashデータ
- › FCSで可能なコミュニケーション
 - › 映像、音声のストリーミング配信
 - › 映像、音声、Flashデータの記録、記録したものを再生
 - › Flashデータの同期





FCS活用事例 ライブカメラ(TOGORU)

> <http://www.togoru.com/webcam/>

TOGORU Live3
With Flash Communication Server

4 Live Channels

猫のベッド by NORI





ネットワークコミュニケーションの可能性

- ▶ 距離を越えたコミュニケーション
 - ▶ 映像、音声を利用
 - ▶ Flashデータをリアルタイムで共有
- ▶ 時間を越えたコミュニケーション
 - ▶ 映像、音声を記録しオンデマンドで再生
 - ▶ 以前記録したFlashデータを再生





FCS活用事例 在宅学習システム(VITLE)

> http://www.ilearn.com.hk/vitle/index_c.cfm

VITLE Student Mode

笑談經濟學
第一講：兩巴合併

主講：浸大教育學系
龔慧賢同學 (Gladys)
方煜華同學 (Duncan)
郭永舜同學 (Albert)

Teacher Video
Video OFF

TA Video
Video OFF

Student Video
Video OFF

Student pub11996
Questions from other student

Teacher Page # 40
Answers from teacher

Please type your question here:
Ask





FCS活用事例 オンラインミーティング(INTRAFINITY)

> <http://example.pcsnap.com/>

The screenshot shows an online meeting interface. On the left, there is a video feed of a man speaking. Below the video is a chat window with the name 'denno' and some icons. The main area is a whiteboard with a menu at the top containing 'Presentation', 'Whiteboard', and 'Conference'. A red box on the whiteboard contains the text 'What is FCS?'. Below this, a diagram illustrates the FCS architecture. It shows a 'Flash Client' on the left and an 'FCS server' on the right, connected by two horizontal red arrows pointing in opposite directions. Below the 'FCS server' is another 'Flash Client' box, connected to the server by two vertical red arrows pointing in opposite directions. At the bottom of the interface, there is a toolbar with icons for 'Send', 'Switch to Whiteboard', 'Start Meeting', 'Resources', 'Video Quality', and 'Exit'.





FCS活用事例 映像配信 + インタラクティブ(EAGLE F1)

> <http://www.eaglef1.com/>





FCS活用事例 MP3、静止画、テキスト配信(CBC HOME DELIVERY)

> <http://www.cbchomedelivery.com/index.cfm>

CBC HOME DELIVERY > THE EYE OF THE STORM

STORIES | MENU | TELL A FRIEND

THE EYE OF THE STORM

CAUGHT IN THE WAKE OF MAD COW DISEASE

■ Watch the report ■ Where mad cow began in Canada

THE NATIONAL

For the farming community around Fairview, Alta., it's been a stressful couple of weeks. The whole beef eating world seemed to turn its attention to their area after the news first broke that it was home to Canada's first case of mad cow disease in a decade.

It's the kind of notoriety that no community would want.

CBC's Margo McDermid travelled to Peace Country to see how the cattle ranchers of this northern Alberta town are coping.

02:04

THE EYE OF THE STORM

PREVIOUS STORY | NEXT STORY





FCS活用事例 映像、テキスト配信(TONPI)

➤ <http://tonpi.net/diary/>





FCS活用事例 映像配信 + インタラクティブ + (PIXCELPHARMACY)

> <http://www.pixelpharmacy.com/>



FCS活用事例 マルチプレイヤーゲーム(BASCULE)

> <http://faces.bascule.co.jp/ohayo/>





FCS活用事例 映像付きグリーティングカード(SNOWMAN)

- > <http://www.bigworld.info/bhgcards/snowmantc/editor.html>





まとめ FCSの機能と特徴

> 機能

- > 映像と音声のライブストリーミング
- > 映像と音声の記録と再生
- > Flashデータの記録、読み出し、同期

> 特徴

- > 開発効率がよい
- > Flashとの融合性が高く、デザインしやすい
- > カメラやマイクを利用したコンテンツが作れる





--FCS活用事例 ライブ配信 + ライブ録画 + 映像配信 (SIGGRAPH)

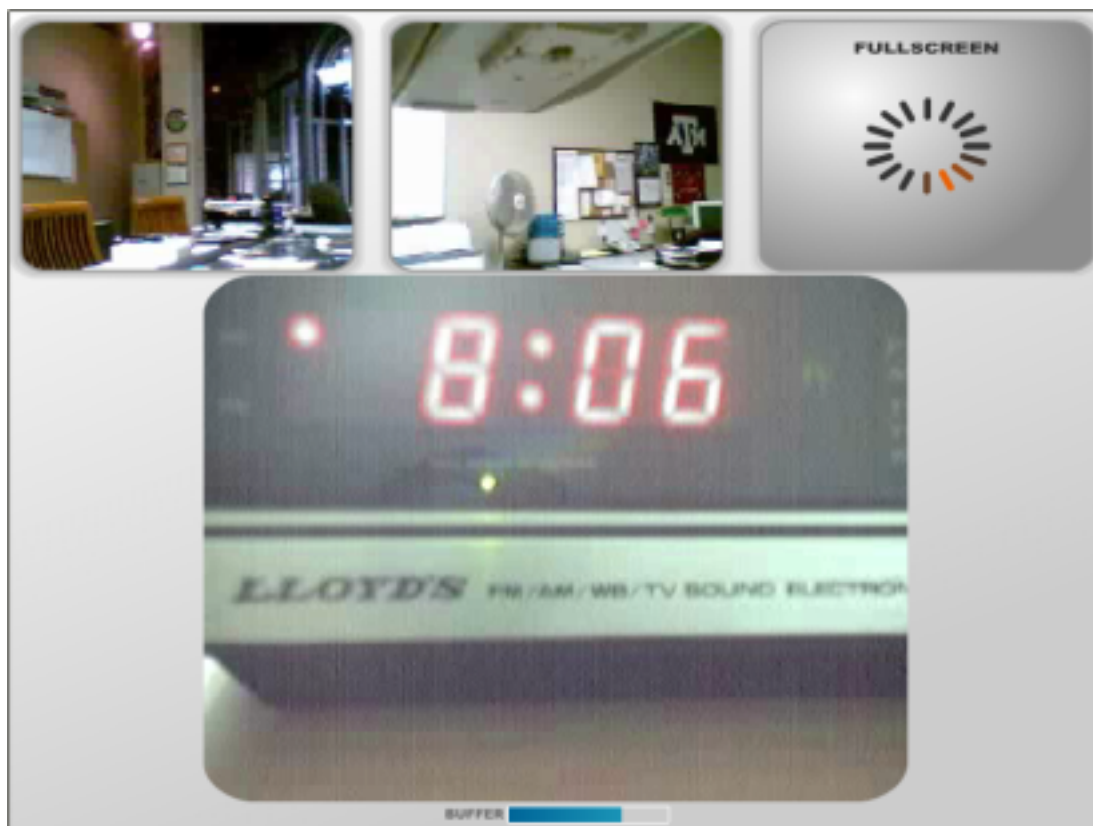
> <http://www.themakers.com/workshops/siggraph2002/video.html>





--FCS活用事例 TV会議(EYESPYYOU)

> <http://www.eyespyyou.com/>





--FCS活用事例 映像 + プレゼン資料の配信(ICONOMED)

> <http://main01.hostcast.com/go.asp?key=10443>

The screenshot shows a presentation player interface for ICONOMED. The top left features the ICONOMED logo and the text "Powered by HostCast". To the right, there are four small thumbnail images and the text "Medical Communication Systems".

The main content area is split into two sections. On the left is a video player showing a man with glasses speaking, with a timestamp of 02:05. Below the video is a table of contents:

- 00:00 - Introduction
- 00:12 - Review of Pulmonary Anatomy and Physiology
- 01:05 - Conducting Airways and Gas Exchange
- 01:35 - Alveolar Structure and Function
- 02:25 - Lung Anatomy
- 02:55 - Chest Wall (Thorax Cage)
- 03:29 - Respiratory Pathophysiology: Disease
- 04:12 - Destructive Diseases and Conditions
- 04:45 - Destructive Airways Conditions
- 05:15 - Emphysema
- 05:50 - Emphysema: Loss of Functional Lung
- 06:42 - Emphysema: Decreased Elastic Recoil
- 06:58 - Emphysema: Lung Diagram
- 07:21 - Emphysema: Increased Lung Volume
- 07:32 - Lung Volumes
- 07:53 - Emphysema: Flattened Diaphragm

At the bottom left, it says "Total Presentation length is 06:00".

On the right is a slide titled "Alveolar Structure and Function". It features a diagram of the human respiratory system with a callout to a detailed view of alveoli. The text on the slide reads:

Alveoli

- primary site of gas exchange (diffusion)
- 300,000,000 alveoli (surface area covers a tennis court)
- surrounded by capillaries
- single cell layer thick lined with surfactant


At the bottom of the slide are two buttons: "EMAIL A QUESTION" and "SEARCH".






--FCS活用事例 プレゼンテーション配信(MACROMEDIA)

> <http://www.macromedia.com/software/mx/presentation/>




Try these demos




Trio Motors Service Manager: Application
An example of the kind of Rich Internet Application you can build with Macromedia MX products.

start demo >




Building Trio Motors: Dreamweaver MX & ColdFusion MX
See how we built the Trio Motors Service Manager using Dreamweaver MX & ColdFusion MX.

start demo >



Building Trio Motors: Flash MX
See how we built the Trio Motors Service Manager using the latest features of Flash MX.

start demo >



DEMOS

SOUND

CC

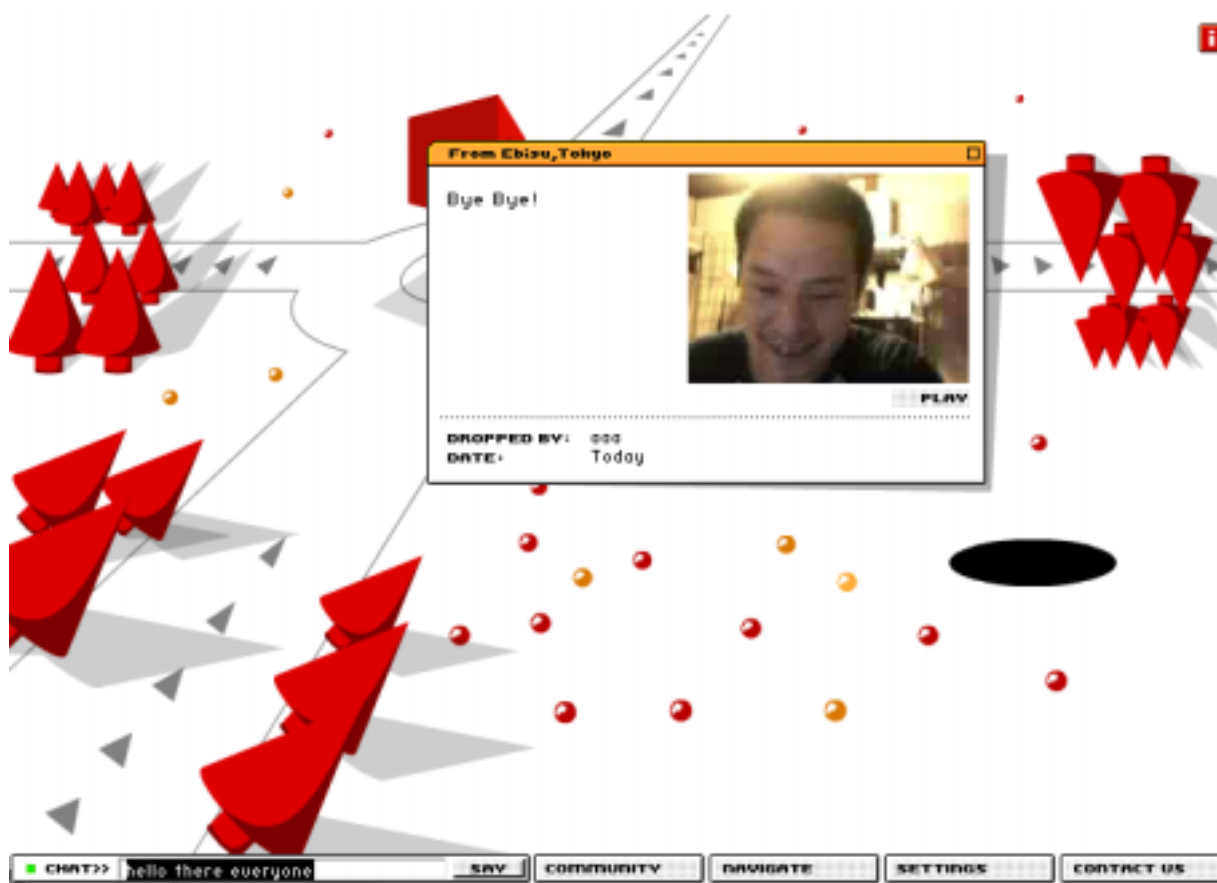
macromedia[®]
FLASH
COMMUNICATION
SERVER MX

17



--FCS活用事例 ビデオ付きゲストブック + チャット (RANDOMMEDIA)

> <http://www.randommedia.co.uk/>





--FCS活用事例 映像配信(BLOCKBUSTER)

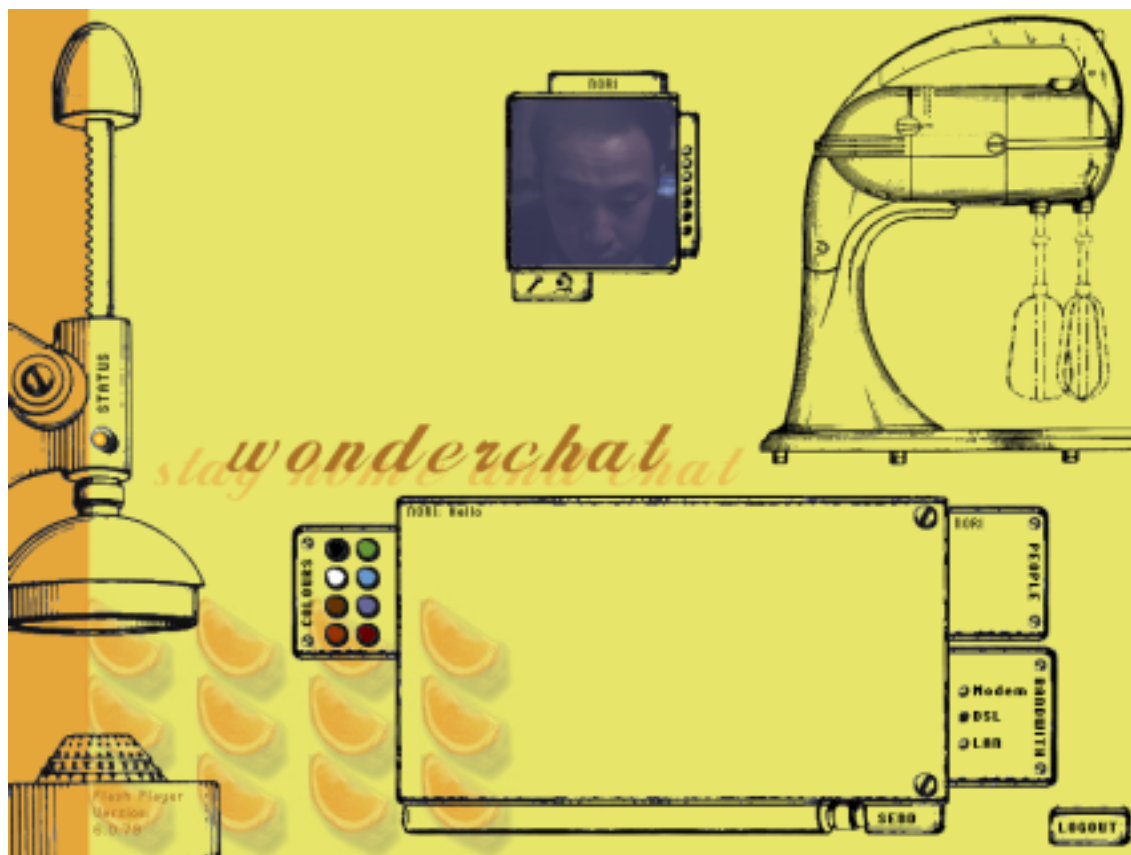
- <http://www.blockbuster.com/carlandray>





--FCS活用事例 ビデオチャット

- <http://wonderchat.1imnetz.de/>





--FCS活用事例 映像付きオークション

- <http://net01.hostcast.com/flash/videoresume/auction.htm>



This is an old Epiphone acoustic guitar from a local estate.

PLAY the video to the left for a detailed view of the instrument and to hear what it sounds like.

The paper label inside of the body reads, "EPIPHONE, KALAMAZOO, MICHIGAN, STYLE, EPIPHONE EC25, NO.74456".


The body measures appr 19 3/8" x 14 3/4" wide with the overall length including the neck at 39 3/8". The instrument shows typical use and there is one area on the right shoulder where the finish is scuffed. (see photo) The guitar was not strung when found and I have added the strings that are now on it. It will be shipped with the strings loose.



--FCS活用事例 映像による商品説明

> <http://net01.hostcast.com/flash/videopop/house3.htm>

powered by **Video POP**



You may view a particular feature of the property by selecting it from the list below:

- View from pier
- Garage
- Foyer
- Grand room
- Kitchen
- Bedrooms (1 and Guest bathroom
- Bedroom (3)
- Bedroom (4)

Press the PLAY button to watch the video

\$4,300,000

- Rooms: 12
- Bedrooms: 4
- Baths: 5 full / 2 half
- Style: Geogcol
- Year Built: 1927
- Garage: Attidet
- Heating: Hydrair
- Cooling: Central
- Basement: Partial
- Approx Sq. Feet: 9,969
- Lot Size: 4.51
- Est. Taxes: \$90,701
- Listing courtesy of DAVID OGILVY & ASSOC

01:52/05:54