

Visual Computing Systems

http://www.nooron.org/know/computing_systems

This is a knowledge base of computing systems, their origins, their creators and their relations with other such systems. It was created to modernize, expand on and support the ongoing maintenance requirements of the "Bushy Tree Diagram" created by John Redant, Bruce Damer and others: <http://www.digibarn.com/stories/desktop-history/bushytree.html> which was inspired by 'The Xerox "Star": A Retrospective' <http://www.digibarn.com/friends/curbow/star/retrospect/index.html>

1. The Institutions

Institutions are any kind of organization, including businesses, governments, non-profits and so on.

1.1. Augmentation Research Center

1.2. Advanced Research Project Agency

1.3. Evans and Sutherland

1.4. Norwegian Computing Centre

1.5. Palo Alto Research Center

1.6. Stanford AI Labs

1.7. Sun Microsystems

2. The Software Systems

Software Systems are thought of as being capable of running on one or more Hardware Systems.

2.1. Alto

2.1.1. InfluencedBy

FLEX

NLS

ReactiveEngine

2.1.2. DescendedFrom

EandSprojects

StanfordAILabsProjects

2.1.3. DesignedBy

ButlerLampson

ChuckThacker

2.1.4. CommencedInYear

1972

2.1.5. PrimaryURL

<http://www.digibarn.com/collections/systems/xerox-alto/index.html>

2.2. Augment

2.2.1. ProductOf

ARC

2.2.2. DescendedFrom

NLS

2.2.3. DesignedBy

DouglasEngelbart

2.2.4. ProgrammedBy

DouglasEngelbart

JohnFRulifson

WilliamKEnglish

2.2.5. PrimaryURL

<http://www-sul.stanford.edu/depts/hasrg/histsci/ssvoral/engelbart/main4-ntb.html>

2.3. Bravo

2.3.1. ProductOf

PARC

2.3.2. InfluencedBy

Alto

2.3.3. CommencedInYear

1972

2.4. Draw

2.4.1. ProductOf

PARC

2.4.2. InfluencedBy

Alto

2.4.3. CommencedInYear

1972

2.5. Evans and Sutherland projects

2.5.1. ProductOf

EvansAndSutherland

2.5.2. DescendedFrom

StanfordAILabsProjects

2.5.3. ReleasedInYear

1968

2.5.4. PrimaryURL

<http://www.digitalcentury.com/encyclo/update/e>

2.6. a FLexible EXtendable language

2.6.1. InfluencedBy

NLS

2.6.2. DesignedBy

AlanCKay

2.6.3. ProgrammedBy

AlanCKay

2.6.4. ReleasedInYear

1968

2.6.5. PrimaryURL

<http://www.mprove.de/diplom/gui/kay68.html>

2.7. Markup

2.7.1. ProductOf

PARC

2.7.2. InfluencedBy

Alto

2.7.3. CommencedInYear

1972

2.8. Memex

2.8.1. DesignedBy

VannevarBush

2.8.2. CommencedInYear

1945

2.8.3. PrimaryURL

<http://www.theatlantic.com/unbound/flashbks/computer/bushf.htm>

2.9. NLS

2.9.1. InfluencedBy

Memex

2.9.2. DesignedBy

DouglasEngelbart

2.9.3. ProgrammedBy

DouglasEngelbart

JohnFRulifson

WilliamKEnglish

2.9.4. ReleasedInYear

1968

2.9.5. PrimaryURL

http://www.wikipedia.org/wiki/On-Line_System

2.10. Oak

2.10.1. ProductOf

Sun

2.10.2. InfluencedBy

Smalltalk

2.10.3. DesignedBy

JamesGosling

MikeSheridan

PatrickNaughton

2.10.4. ProgrammedBy

JamesGosling

MikeSheridan

PatrickNaughton

2.10.5. CommencedInYear

1990

2.10.6. ReleasedInYear

1992

2.10.7. PrimaryURL

<http://java.sun.com/people/jag/green/>

2.10.8. RanOn

Star7

2.11. Press

2.11.1. ProductOf

PARC

2.11.2. InfluencedBy

Alto

2.11.3. CommencedInYear

1972

2.12. Reactive Engine

2.12.1. InfluencedBy

Memex

2.12.2. DesignedBy

AlanCKay

2.12.3. ProgrammedBy

AlanCKay

2.12.4. ReleasedInYear

1969

2.12.5. PrimaryURL

<http://www.mprove.de/diplom/gui/kay69.html>

2.13. Sil

2.13.1. ProductOf

PARC

2.13.2. InfluencedBy

Alto

2.13.3. CommencedInYear

1972

2.14. Simula

2.14.1. ProductOf

NCC

2.14.2. DesignedBy

KristenNygaard

OleJohanDahl

2.14.3. ProgrammedBy

KristenNygaard

OleJohanDahl

2.14.4. CommencedInYear

1962

2.14.5. ReleasedInYear

1967

2.14.6. PrimaryURL

<http://java.sun.com/people/jag/SimulaHistory.html>

2.15. Sketchpad

2.15.1. InfluencedBy

Memex

2.15.2. ReleasedInYear

1969

2.16. Smalltalk

2.16.1. InfluencedBy

Alto

ReactiveEngine

Simula

2.16.2. DesignedBy

AlanCKay

2.16.3. ProgrammedBy

AdeleGoldberg

AlanCKay

TedKaehler

2.16.4. CommencedInYear

1972

2.16.5. ReleasedInYear

1972

2.16.6. PrimaryURL

<http://msp.sfsu.edu/Lectureseries/archive96/realaudio/kay/smalltalk.ra>

2.17. Stanford AI Labs Projects

2.17.1. ProductOf

StanfordAILabs

2.17.2. DescendedFrom

EandSprojects

2.17.3. ReleasedInYear

1968

2.17.4. PrimaryURL

<http://www.dictionary.com/search?q=Stanford Artificial Intelligence Language>

3. The Persons

You know, a PERSON! When this gets more involved lets put it in the people_ontology.

3.1. Adele Goldberg

3.2. Alan C. Kay

3.3. Butler Lampson

3.4. Chuck Thacker

3.5. David Robson

3.6. Dick Shoup

3.7. Douglas Engelbart

3.8. James Gosling

3.9. John F. Rulifson

3.10. Kristen Nygaard

3.11. Mike Sheridan

3.12. Ole-Johan Dahl

3.13. Patrick Naughton

3.14. Ted Kaehler

3.15. Vannevar Bush

3.16. William K. English

4. The Hardware Systems

Hardware Systems should really have a slot on them called Ran which is the inverse of RanOn.

4.1. Star7

4.1.1. ProductOf

Sun

4.1.2. CommencedInYear

1991

4.1.3. ReleasedInYear

1992

4.1.4. PrimaryURL

<http://java.sun.com/people/jag/green/>