

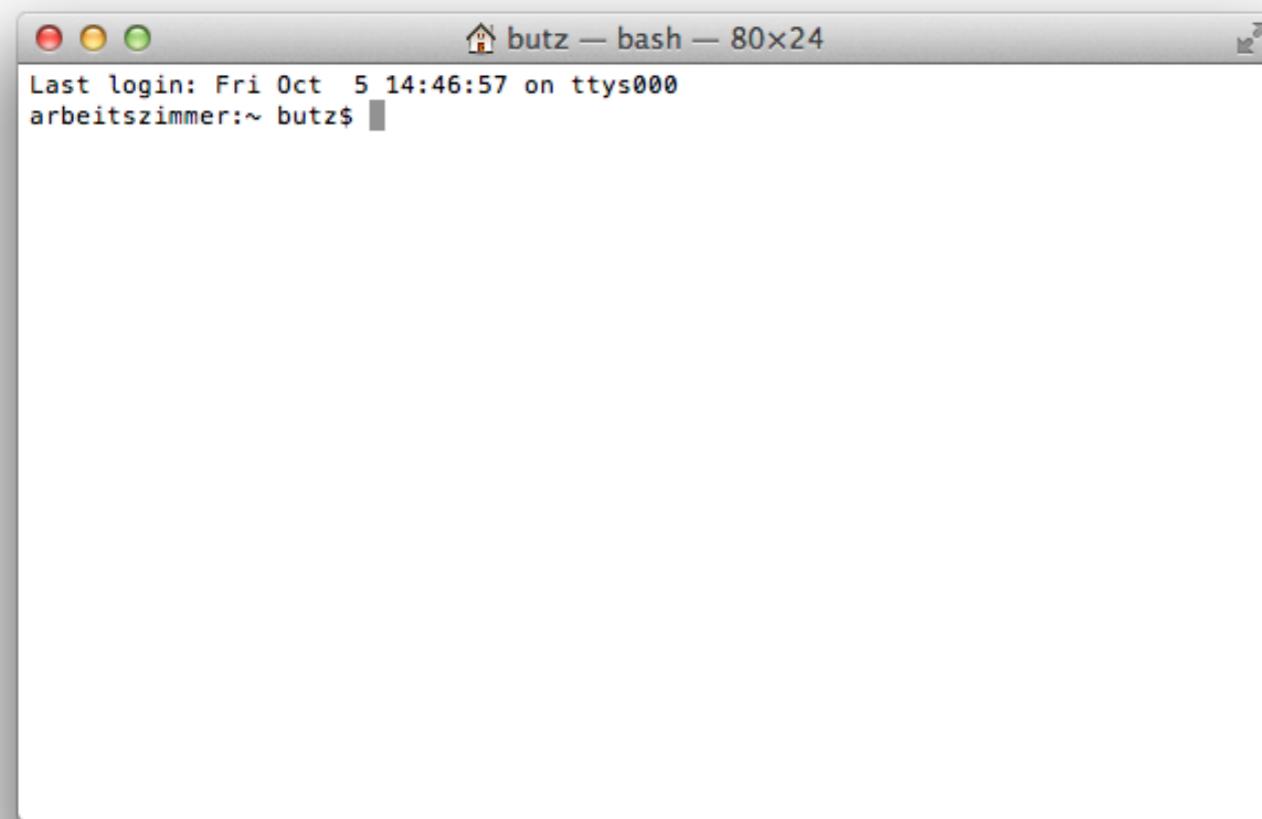
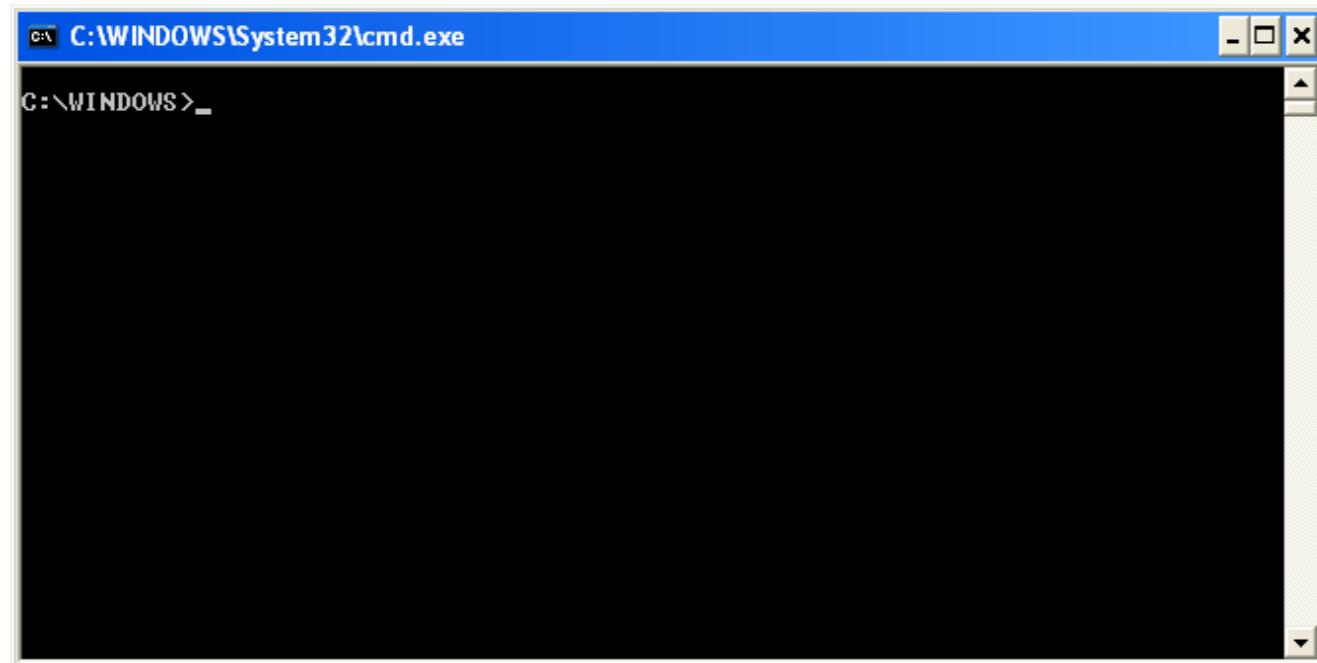
Mensch-Maschine-Interaktion



Kapitel 8 - Etablierte Interaktionsstile

- Kommandos
- Dialoge
- Suche und Browsen
- Direkte Manipulation
- Interaktive Visualisierungen

Kommandozeilen



<https://play.google.com/store/apps/details?id=jackpal.androidterm>

Kommandos auf Tasten



<http://www.logitech.com/assets/50806/6/harmony-ultimate-one.jpg>

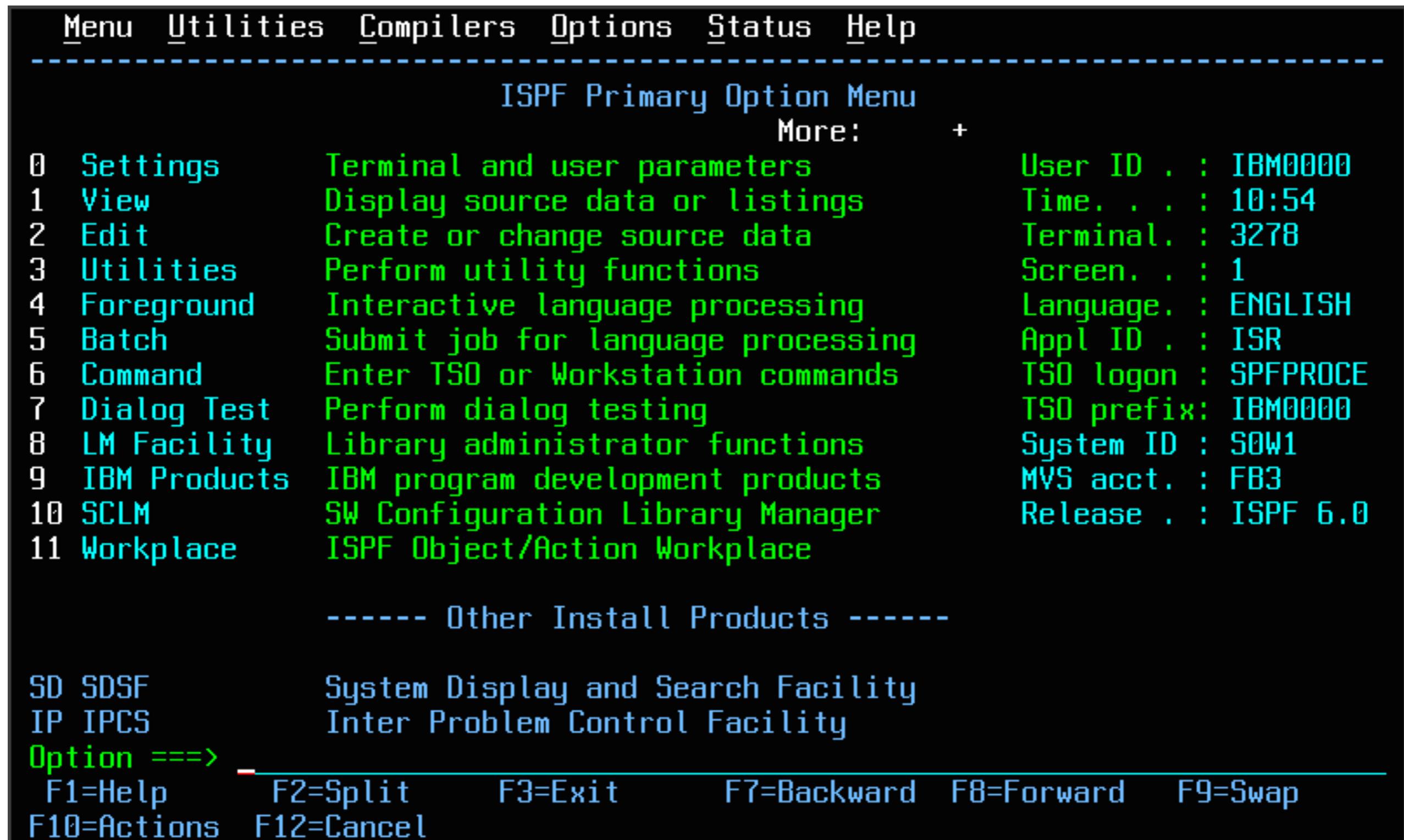


<http://www.bsks.info/Handicaped/fernbedienung.jpg>

Kapitel 8 - Etablierte Interaktionsstile

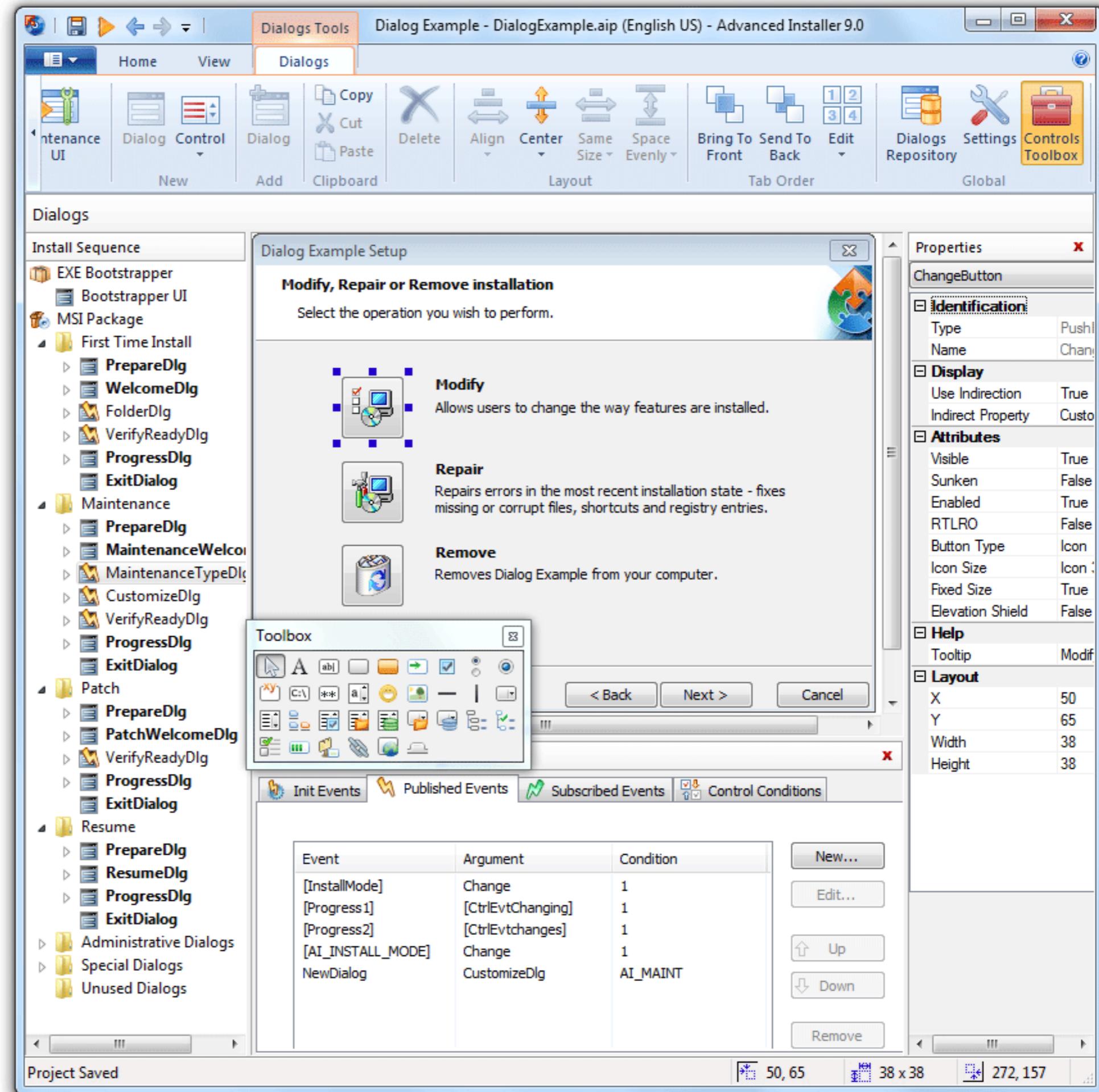
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Bildschirmdialog am Mainframe Computer

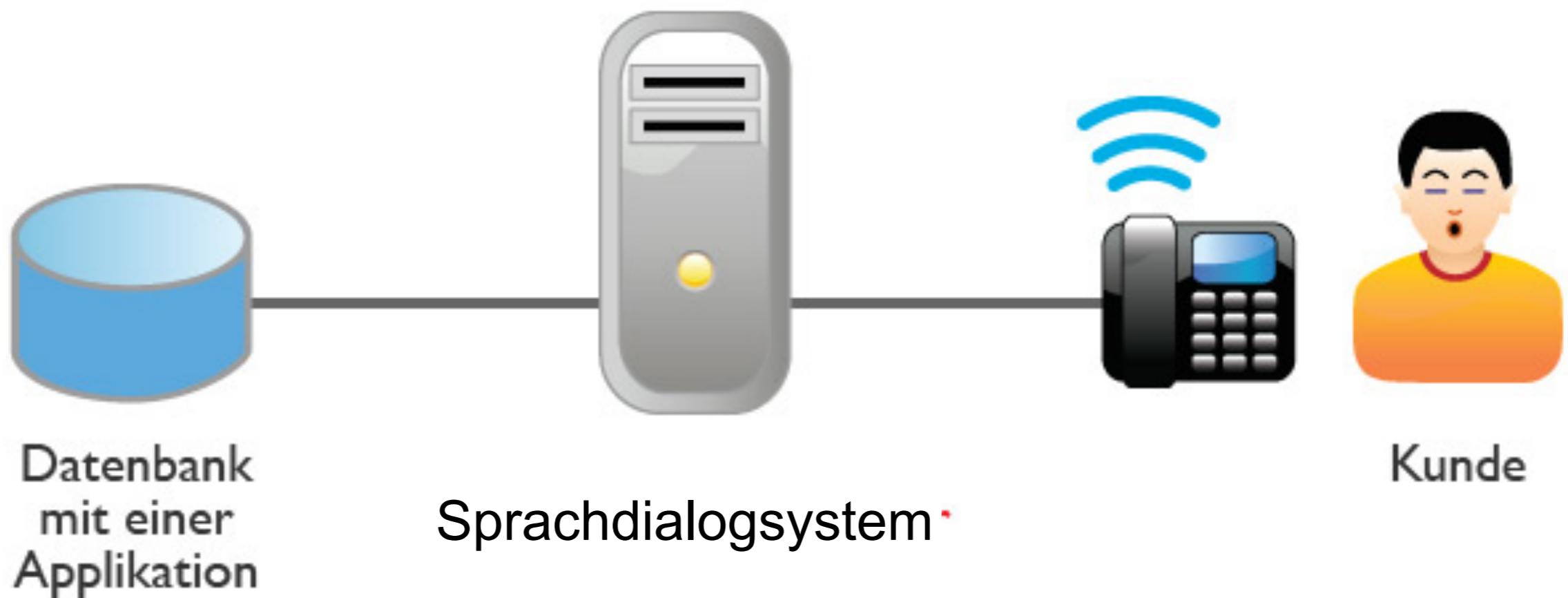


IBM “Interactive System Productivity Facility” for OS/360 mainframe computers, ab 1974

Bildschirm- dialoge



Sprachdialogsysteme



Sprachassistenten



<https://jaxenter.de/sprachassistenten-hype-alexa-siri-cortana-71872>

Dialog vs. Kommandos



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Suchen oder Stöbern?

iTunes

MEDIATHEK

- Musik**
- Filme
- TV-Sendungen
- Podcasts
- iTunes U
- Radio

STORE

- iTunes Store
- iTunes Match

FREIGABEN

- Privatfreigabe

GENIUS

- Genius

WIEDERGABELISTEN

✓ Name Dauer Interpret ▲ Album

Name	Dauer	Interpret	Album
It's Always You	3:35	Chet Baker	The Best Of Chet Baker
I've Never Been in Love Before	4:29	Chet Baker	The Best Of Chet Baker
My Buddy	3:20	Chet Baker	The Best Of Chet Baker
Like Someone in Love	2:27	Chet Baker	The Best Of Chet Baker
My Ideal	4:21	Chet Baker	The Best Of Chet Baker
All Blues	5:53	Chet Baker	The Last Great Concert
My Funny Valentine	9:35	Chet Baker	The Last Great Concert
Well You Needn't	6:20	Chet Baker	The Last Great Concert
Summertime	5:14	Chet Baker	The Last Great Concert
In Your Own Sweet Way	9:24	Chet Baker	The Last Great Concert
Django	5:54	Chet Baker	The Last Great Concert
I Fall In Love Too Easily	7:01	Chet Baker	The Last Great Concert
White Blues	5:04	Chet Baker	White Blues
'round Midnight	10:20	Chet Baker	White Blues
Blues In The Closet	7:47	Chet Baker	White Blues
Swift Shifting	7:26	Chet Baker	White Blues

70 Titel, 5,2 Std., 372,7 MB

iTunes

MEDIATHEK

- Alben**
- Interpreten
- Genres
- Komponisten

STORE

- iTunes Store
- iTunes Match

FREIGABEN

- Privatfreigabe

GENIUS

- Genius

WIEDERGABELISTEN

Mingus Ah Um Mingus Dynasty Charlie Parker Compact Jazz... The Best Of C...

Charles Mingus Charles Mingus Charlie Parker Charlie Parker Chet Baker

The Best Of C... The Last Great... White Blues I m A Man & Ot... Children's Songs

Chet Baker Chet Baker Chet Baker Chicago Chick Corea

CHICK COREA CHICAGO

Children's Songs Chicago

444 Alben, 15,6 Tage, 25,44 GB

iTunes

MEDIATHEK

- Alben nach Inte**
- Musik
- Filme
- TV-Sendungen
- Podcasts
- iTunes U
- Radio

STORE

- iTunes Store
- iTunes Match

FREIGABEN

- Privatfreigabe

GENIUS

- Genius

WIEDERGABELISTEN

✓ Name Dauer Interpret

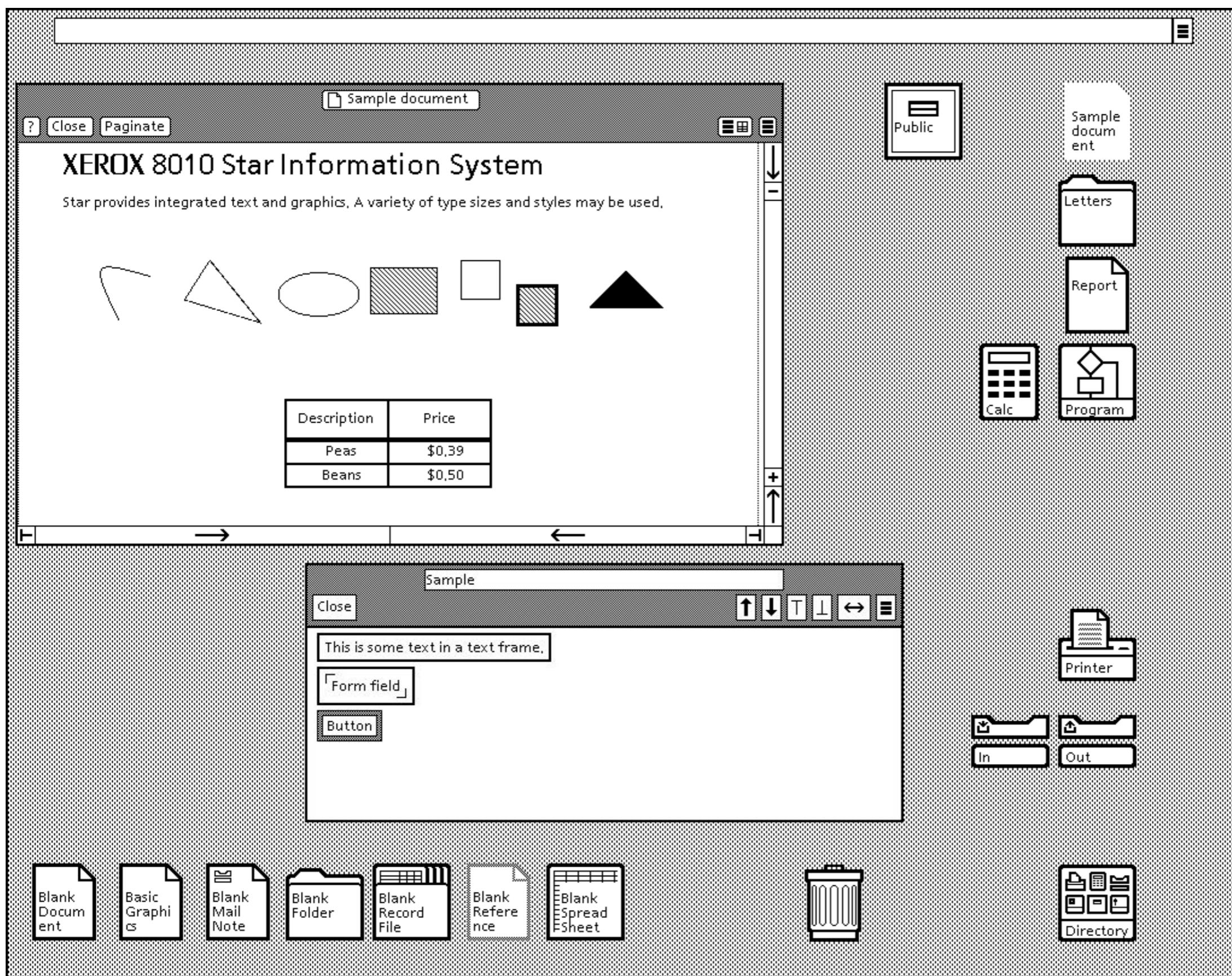
Name	Dauer	Interpret
All Blues	5:53	Chet Baker
My Funny Valentine	9:35	Chet Baker
Well You Needn't	6:20	Chet Baker
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Django	5:54	Chet Baker
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White Blues	5:04	Chet Baker
'round Midnight	10:20	Chet Baker
Blues In The Closet	7:47	Chet Baker
Swift Shifting	7:26	Chet Baker
Somewhere Over The Rainbow	3:33	Chet Baker
Caravelle	5:54	Chet Baker
Dolphin Dance	6:25	Chet Baker
Ellen And David	6:18	Chet Baker
Star Eyes	7:04	Chet Baker

70 Titel, 5,2 Std., 372,7 MB

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Das erste DMI Interface



3 Charakteristika von DMI

- Visibility of Objects and Actions
 - Sichtbarkeit aller Objekte und Aktionen
- Rapid, reversible, incremental actions
 - schnelle, umkehrbare, schrittweise ausführbare Aktionen
- Replacement of complex command-language syntax with direct, visual manipulation of the object of interest
 - direkte, visuelle Manip. der Objekte statt komplizierter Kommandos

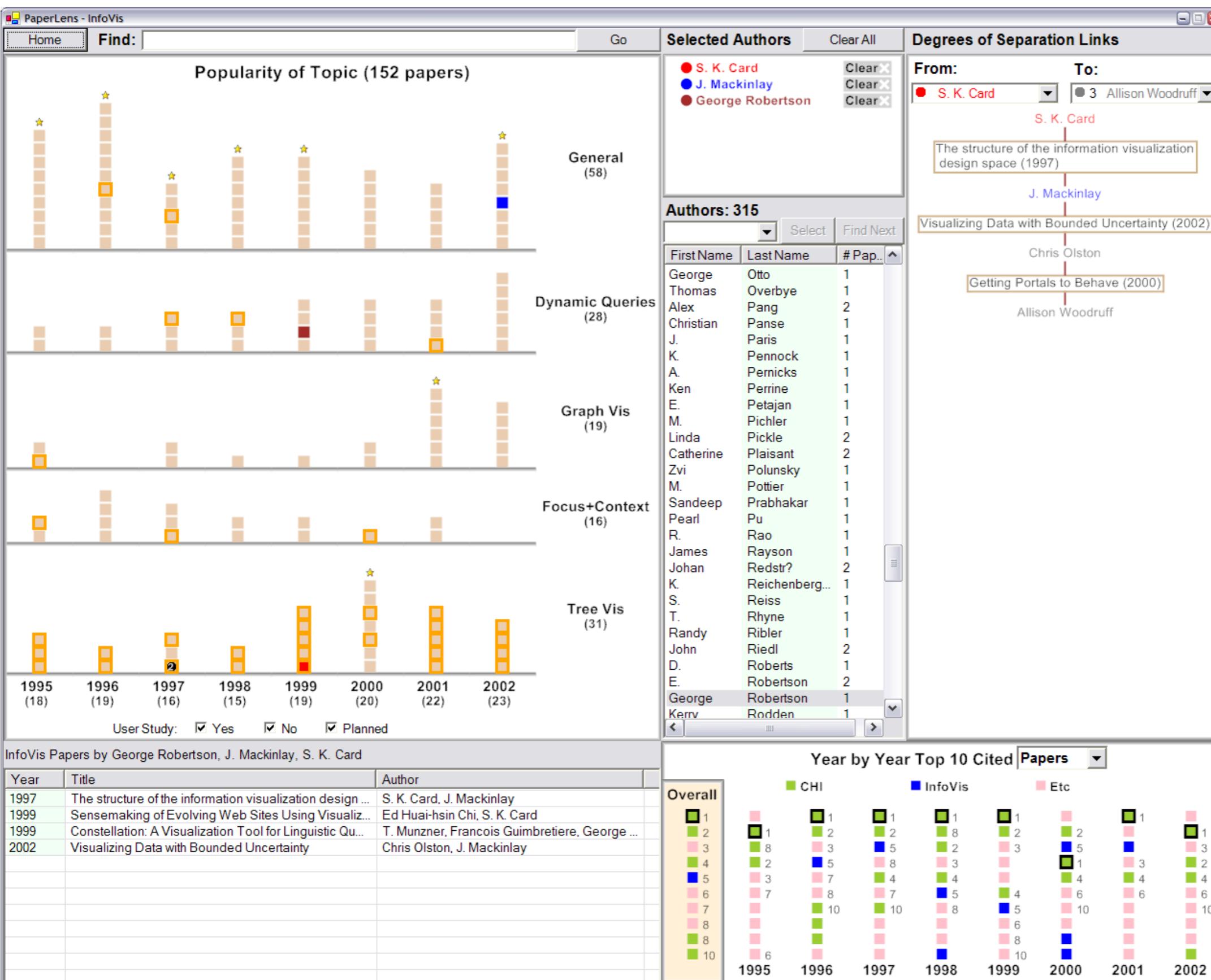


http://upload.wikimedia.org/wikipedia/commons/thumb/b/b9/Ben_Shneiderman_at_UNCC.jpg/220px-Ben_Shneiderman_at_UNCC.jpg

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Infovis Beispiel: Paperlens



leider kein Video zu Paperlens...

