

# ONE-2 Results

<http://www.one-2.org/>

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# ONE-2 Background

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- EU co-financed project 1999-2001
- Major bibliographic service-providers, museums & other organisations
- Objectives
  - Standardisation: Profile with Extended Services
  - Implementation: Z39.50 Toolkits & local Services
  - User Trials: Researchers, Museums, Public Libraries, Cataloguers
- Coordinated by DBC, Poul Henrik Jørgensen



# Partners from ONE-1

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- Helsinki University Library (HUL)
  - LIBRIS, Sweden
  - BIBSYS, Norway
  - National Library of Norway (UBO/NB)
  - Oslo College (JBI)
  - British Library (BL)
  - Crossnet Systems (CNS), UK
  - Joanneum Research (JR), Austria
  - Danish Bibliographic Centre (DBC)



# Additional Partners in ONE-2

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- Austrian Museum of Military History (HGM)
- Essex County Council Libraries (EL)
- Hungarian National Library (HNL)
- Italian Central Union Catalogue (ICCU)



# ONE-2 Profile

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- ONE-2 Z39.50 Profile with Extended Services
- Server requirements
- Character Set Negotiation (of Latin-1)
- Bibliographic S&R like Bath
- Cross-domain DC/RDF XML S&R like Bath
- Holdings XML Retrieval with Bib-1 Searching
- Z39.50/ILL Profiles & ILL XML Schema
- Update Extended Service
- ExplainLite Server information




# ONE-2 Software

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- New Z39.50 toolkits supporting all Z39.50 Protocol features – plus ISO ILL
- Stand-alone Z39.50 Server solutions including importing, indexing and MARC conversion
- Stand-alone ICONE Z39.50 Client supporting MARC, DC/XML, Holdings XML, Z39.50/ILL Profile 2
- Integrated Z39.50 Servers & Clients implemented by participating service providers

# ONE-2 Profile Support



	BIBSYS	BL	DBC	HGM	HNL	HUL	LIBRIS	NB	ICCU
Character Set Negotiation	-	-	+	+	-	-	-	-	+
MARC21	+	+	+	+	+	+	+	+	+
UNIMARC	-	+	-	-	-	-	-	+	+
SUTRS	+	+	+	+	+	-	+	+	+
MARC Holdings	+	-	+	+	-	-	+	+	+
ZIG XML Holdings	+	-	+	-	-	-	-	+	-
Z39.50/ILL Profile 1	-	-	+	-	-	-	-	-	-
Z39.50/ILL Profile 2	-	-	-	+	-	-	-	-	+
DC/XML	+	-	-	+	-	-	-	+	+
Update	-	-	+	-	-	-	-	-	-
ExplainLite	+	+	-	+	+	-	+	+	-



# Public Library User Trials

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- Manager Essex County Libraries
- Users in Essex & Denmark
- Client: Web-Z gateway (Oxford/CNS)
- Targets: ONE-2 Servers
- Features:
  - Bibliographic Search & Retrieval





# Museum Users Trials

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- Manager Joanneum Research
- Users: Museum staff, researchers etc.
- Clients:
  - IMDAS Web Client (JR), ICONE (CNS)
- Servers: Museum of Military History (JR)
- Features:
  - Search & Retrieval
  - Z39.50/ILL Profile 2
  - Electronic Document Delivery



# Research User Trials

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- Managed by BIBSYS
- Users: University staff
- Clients: ICONE (CNS), BIBSYS, Bibliotek.dk (DBC)
- Targets: BIBSYS, ICCU, LIBRIS, HUL, HNL, DBC
- Features:
  - Bibliographic S&R
  - Holdings Retrieval
  - Z39.50/ILL Profile 2



# Cataloguers Trials

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- Managed by ICCU
- Users: British Library, ICCU.
- Clients:
  - S & R: ICONE (CNS)
  - Cataloguing & Update: VisualCat (Portia/DBC)
- Targets
  - ICCU, LIBRIS, NB, BIBSYS, BL, DBC
- Features:
  - MARC conversions (MARC21, UNIMARC)
  - Z39.50 Search, Retrieval & Update
  - Copy Cataloguing, MARC XML Schemas



# ONE-2 Summary

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- ONE-2 Z39.50 Profile
  - Search & Retrieval
  - Holdings
  - ILL
  - Update
  - ExplainLite
- Common Z39.50 Tools
  - Protocol Machine with ASN.1 Compiler technology
  - Java Tools
  - Front-end Server solutions
  - MARC Converter



# ONE-2 Summary, cont.

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- Local Z39.50 Services
  - Search & Retrieval of MARC and DC/RDF XML
  - Holdings via MARC & ZIG Holdings XML
  - Z39.50/ILL Profile 1 & 2
  - Update Extended Service
- User Trials
  - Researchers
  - Public Library Users
  - Museum Users
  - Cataloguers