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THE ADVANCED DEVELOPMENT CENTER

CA 2E
Application Mapping & Analysis

Overview & Demonstration

- **Enterprise models built over many years**
  - difficult to assess overall quality
  - redundancies often present
  - outdated system documentation

- **System analysis inefficient**
  - 30% of developers' time = finding right objects

- **Software maintenance problematic**
  - ascertaining current state difficult
  - risk from unpredictability
  - can't be avoided: necessary for business success

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Benefits & objectives

- **Benefits CA 2E shops with any of these:**
  - active development/significant ongoing investment
  - implementing SOA
  - evaluating 2E upgrade
  - problems with audit or model corruption
  - planning migration to another development tool/package

- **Assessment enables:**
  - reduced application ownership costs
  - conformance to audit requirements
  - estimating modernization costs & timeframes

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- Demo video goes here

Sample Cleanup Stats

Program Objects	Top level (calls only)	Calls others & is called	End of program tree (called only)	Stand alone	Total
Active	914	3108	214	42	4278
Not used	**631**	**724**	**106**	**79**	**1540**
Not used recent	**125**	**136**	**11**	**7**	**279**
Total	1670	3968	331	128	**6097**

+ 6%
database objects

- conditions
- functions
- messages
- fields, etc.

30%

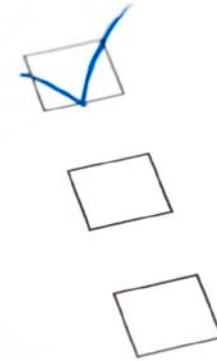# Selected ADC Assessment Clients

- **2 weeks' expert consulting**

- **Reports**
  - overall findings
  - audit & usage reports
  - model corruption reports

- **System documentation**
  - ER diagrams, structure charts, X-refs
  - available formats:
    - *documents*
    - *interactive (runtime charge)*

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http://adcaustin.com/products/ibm-i-modernization