CA Gen Education Classes

— <u>CA Gen Block Mode Development</u>

  – Development and testing of CA Gen block mode procedures and action diagrams, which will be integrated into screen-based applications. Emphasis is placed on the "practical" use of the CA Gen toolset.

— <u>CA Gen Developing GUI Clients</u>

  – Development and testing of distributed process GUI client applications using CA Gen. The course focuses client procedures, which can be integrated with CA Gen server procedures in GUI-based applications.

— <u>CA Gen Developing CA Gen Servers</u>

  – Instruction in the development of distributed process application servers using CA Gen. Development and testing of server procedures and action diagrams, which can be integrated into GUI-based applications or invoked by different client types through the use of CA Gen proxies.

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CA Gen Education Classes

— **Introduction in CA Gen** -This course will give an introduction to CA Gen and the way it is used in application development. The student will be able to communicate with the developers using a common CA Gen language.

— **Basic Developer 1 and 2** - The student is trained to become an application developer using CA Gen. Window, Block Mode (3270), Batch, Web or/and Server applications (customer preference) will be built. He will get a good knowledge of modeling in CA Gen. He will have the practical skills to start in a CA Gen development project.

— **All Round Developer** - The student will be trained to become an All Round Developer who has a very profound knowledge of CA Gen and the principles of modeling in CA Gen. He has more and better practical skills than the Basic Developer. A greater CA Gen area is part of his competence so that he is immediately available for different aspects of a CA Gen project.

— **CA Gen for the Tester** - Testers of CA Gen applications will be provided with a good understanding of the concepts of CA Gen. The student will learn how a system is developed using CA Gen. He will practise to use the CA Gen terminology to optimize a good communication with the designers and developers of the system.

CA Gen Education Classes
Educagen http://educagen.com

— **CA Gen for the Designer-Analyst** - The student is trained to model the results of analysis and functional design in CA Gen to enable the developers to build the systems. An introduction in CA Gen is included to provide the student with the knowledge to communicate easily with the application developers.

— **Model Manager** - The Model Manager is responsible for all actions with the model. The student is trained to become a model manager. Main subjects are subsetting, version control and model management strategy.

— **Version Control** - The student will be able to understand, plan and execute version control activities. He will be able to develop and apply the model management strategy, to manage the models and perform additional tasks.

— **Subsetting** -The student is provided with all knowledge and skills to be able to work with all aspects of subsets. The student will learn how subsets for specific project tasks have to be defined and how they can be used effectively.

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— **CA Gen for the Database Administrator (DBA)** - The DBA will get an introduction in CA Gen to become familiar with the whole CA Gen area. He will learn how the database performance of the CA Gen generated system can be influenced and improved by a good design of the DB. On completion the DBA will be competent to discuss with the developers about the DB-action statements.

— **Component Based Development (CBD)** - The student will learn to specify components, to implement and publish them according the principles of Component Based Development (CBD).He will be able to develop applications using predefined components.

— **DB2 for the CA Gen Developer** - The student will learn which features of the database management system DB2 are available for CA Gen and how CA Gen makes use of these features. The developer of CA Gen applications wil be able to build more effective and efficient DB actions in CA Gen.

— **Other courses**
  – improve performance of CA Gen applications
  – capita selecta
  – developer web systems
  – tailor made courses on demand

CA Gen Education Courses
Jumar Solutions http://jumar-solutions.com

— **SOA4Gen workshop** Aimed at IT architects and development management, Jumar and Everware-CBDI have created SOA4GEN - a workshop style training course which enables enterprises that have heavily invested in CA Gen to more readily adopt Service Oriented Architecture (SOA), the business driven architectural style that implements high levels of componentisation in order to deliver more agile, cost effective support to information and business processes.

— **Developing CA Gen Servers** - Aimed at application developers new to CA Gen, this course starts with an introduction to the concepts of model based development, client server styles and the different parts of CA Gen and how they fit into an application development lifecycle. It then covers all the necessary steps to take you from analysis through to construction of server side code using CA Gen. It also includes use of CA Gen's productivity tools to help developers work faster.

— **Developing CA Gen GUI Clients** - Aimed at application developers and following on from the "Developing CA Gen Servers" course, this course explains the action diagram statements used in event processing to control the user interface, how to design windows and how to set up the dialogs between different procedures. It also explains how to use templates to aid productivity and details of packaging, construction and testing with CA Gen.

— **CA Gen Web Generation and Proxies** – A common cost effective way of transitioning your application to the web is to leave the server environment of an existing application as is and deploy the client to the web. This scenario is explored first to illustrate a possible migration approach. The course then takes web generation further with information on how to deploy CA Gen servers as EJBs and deployment options to popular application servers are discussed.

— **CA Gen Encyclopedia Administration** - The Encyclopedia Administrator course provides CA Gen developers with the information they require to make the transition to encyclopedia administrators and model managers. The course describes the types and purpose of the different CA Gen encyclopedias and discusses its role in the development process.

— **CBD Overview** - Aimed at non developers, this course explains the origins, key features and benefits of CBD. It then moves on to introduce component architectures, different architecture patterns and their importance in making CBD successful. The second part of the course explains how CBD is implemented in practice, using CA Gen, covering the specification of a component, implementing a component and consuming a component.

— **CBD with CA Gen** - Aimed at CA Gen developers, the first part of the course explains the origins, key features and benefits of CBD. It then moves on to introduce component architectures, different architecture patterns and their importance in making CBD successful. The second part of the course explains how CBD is implemented in practice starting with introducing the component and interface related objects in CA Gen and the CS/3.x standard. The course then covers the practical aspects of CBD using CA Gen, taking developers through practical exercises to specify a component, develop the implementation and then consume the component.

— Model Based Client/Server Development using CA Gen

    a.   Management Overview - 1 day

    b.   Analysis with CA Gen - 2 days

    c.   Design with CA Gen - 2 days

    d.   Construction with CA Gen - 2 days

— Short Track Application Development with CA Gen – 5 days

    – Combination of b, c, d