Toolbox.com

Search Toolbox.com

Log In | Create an Account

Blogs   Discussions   Research   Directory

Toolbox for IT   Topics   Enterprise Architecture and EAI   Blogs

Using Structure Charts

Craig Borysowich May 25, 2007 | Comments (2)

Tweet ⟨0   Share ⟩end ⟨ 4 +1 ⟩ 0   0

Use a Structure Chart to illustrate the high level overview of software structure.

Structure Charts do not show module internals. Use a method, such as Pseudocode or Structured English, to show the detailed internals of modules.

Method

Representing Sequence, Repetition, and Condition on a Structure Chart

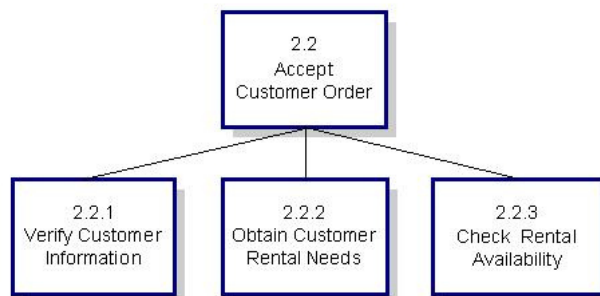Modules on a Structure Chart

Interrelationships among Modules

Information Transfers

Reducing Clutter on a Structure Chart

Tips and Hints

Use a hierarchical numbering scheme on Structure Charts. With the exception of existing modules, assign each module a numerical identifier consisting of a local numerical identifier concatenated with the numerical identifier of its identified parent module. For example, if the parent module Accept Customer Order is numbered 2.2 on the chart, modules called by Accept Customer Order are numbered 2.2.1, 2.2.2, 2.2.3, and so on.

EXAMPLE OF A HIERARCHICAL NUMBERING SCHEME ON A STRUCTURE CHART
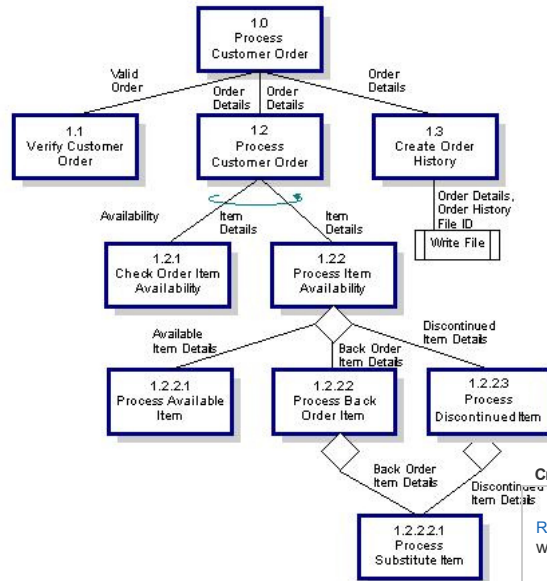

Ideally, Structure Charts should be developed using a CASE

tool which generates the structure of the code from the chart. If code cannot be generated from the diagram, the benefit gained from the Structure Chart may not justify careful computer-assisted drawings and simple hand-drawn sketches may be sufficient.

Structure Charts do not show module size, execution time, or other operational features.

Example

The example Structure Chart illustrates the structure of the modules to process a customer order.

See Also

Action Diagram

Data Flow Diagram

Technorati Profile Blog Weblog Directory

Read 2 comments

Popular White Paper On This Topic
› What is a Process-Based Application?

Related White Papers
› Deliver Oracle Data to Structured and Unstructured Databases ...
› Get Your Trial Download of Foglight for Virtualization, ...
› Simplify and consolidate data protection for better business ...

More White Papers

Craig Borysowich's Custom Section

RSS Feed Directory - Search and read RSS Feeds without any RSS reader.

Categories

| Blogs ▼ | GO |

2 Comments

Dasale Gurmu Dec 22, 2009

```
main(){
int x,y;
x=0;y=0;
a();b();}
a(){
x=x+5;
```

```
y=y+x;
a();
}
```

☐   USER_1865350 Jan 19, 2010

system analysis and design nu matiral give me
any one

Leave a Comment

```
┌─────────────────────────────────────────────┐
│                                             │
│                                             │
│                                             │
│                                             │
│                                             │
│                                             │
│                                             │
│                                             │
└─────────────────────────────────────────────┘
```

☐ Connect to this blog to be notified of new entries.

| Name | Your email address |

  PREVIEW   SUBMIT

You are not logged in.
  › Sign In to post unmoderated comments.
  › Join the community to create your free profile today.

Want to read more from Craig Borysowich? Check out the **blog archive**.

Archive Category: SDLC
Keyword Tags: structure chart diagram use visualization

Disclaimer: Blog contents express the view points of their independent authors and are not reviewed for correctness or accuracy by Toolbox for IT. Any opinions, comments, solutions or other commentary expressed by blog authors are not endorsed or recommended by Toolbox for IT or any vendor. If you feel a blog entry is inappropriate, click here to notify Toolbox for IT.

Browse all IT Blogs

From Around The Web

Big data hits the track at Melbourne Grand Prix
(GEreports Australia)

5 dying industries
(CareerOne)

Injured Dolphin asks diver for a helping hand – diver cuts him free
(Techly.com.au)

If it's a pressing matter, you've come the right place
(The Sydney Morning Herald)

New anti-virus software misses corners
(Sydney Morning Herald Digital Life)

Apple's 'next big thing' might be even bigger than we thought
(Techly.com.au)

How Aussie invention is helping to power our planet
(GEreports Australia)

New Google Maps rolling out
(Sydney Morning Herald Digital Life)

Recommended by

We Recommend

Win free IT training for life

Africa Needs a Cool, Refreshing Drink More than it Needs GIFs of Kitties

Business Apps...Is the transformation

From Around The Web

Mark Zuckerberg To Obama: I'm Frustrated Over Government Surveillance (Techly.com.au)

Sony and Nissan bring GT Academy to Australian shores (news.com.au)

worth the hype?

Methodologies versus Techniques and Tools

Frequently Asked HIPAA Compliance Questions

Ultraviolet DRM - Are you serious?

Could Malaysian Airlines Flight 370 Have Landed on a Tiny Island? (7NEWS)

90% of Gmail Users Don't Know About This Email Trick (Frank Addante)

'Satellite images of MH370' (7NEWS)

Recommended by

Toolbox for IT
My Home
Topics
People
Companies
Jobs
White Paper Library

Collaboration Tools
Discussion Groups
Blogs
Wiki

Follow Toolbox.com
Toolbox for IT on Twitter
Toolbox.com on Twitter
Toolbox.com on Facebook

Topics on Toolbox for IT

Data Center
Data Center

Development
C Languages
Java
Visual Basic
Web Design & Development

Enterprise Applications
CRM
ERP
PeopleSoft
SAP
SCM
Siebel

Enterprise Architecture & EAI
Enterprise Architecture & EAI

Information Management
Business Intelligence
Database
Data Warehouse
Knowledge Management
Oracle

IT Management & Strategy
Emerging Technology & Trends
IT Management & Strategy
Project & Portfolio Management

Cloud Computing
Cloud Computing

Networking & Infrastructure
Hardware
Networking
Communications Technology

Operating Systems
Linux
UNIX
Windows

Security
Security

Storage
Storage

Toolbox.com
About
News
Privacy
Terms of Use
Work at Toolbox.com
Advertise
Contact us
Provide Feedback

Help Topics
Technical Support
PCMag Digital Group
AdChoice

Other Communities
Toolbox for HR
Toolbox for Finance