COM SCI 230 Software Engineering

Survey of DUCK - A Dynamic Universal Software System Visualization Kit

First Name:	Last Name:	Major:	·
I. Concrete Ques 1. Are you an undergra	stion duate, graduate or current Co	omputer Science relat	ed worker?
2. How many years of	software development experie	ence do you have?	
	ency in experiencing software using or designing software B. Seldom		tool. (By saying D. Often
	s you most? Please specify yourst C. Edge Bundling		E.Bubble Chart
Specify your reasons	<u>5:</u>		
	nagementTool, select all the non at first stage.(Select all the on of your choices.	-	•
Specify your reasons	<u>s:</u>		

6. Hierarchy Visualization

From the method box, group all methods you think are in the same hierarchy. (Or given several files, simply draw the diagram, say group them if you think file A and B is in the same hierarchy)

Method Box:

toData()
addRr()
fromData()
checkZoneKey()
sign()
listZones()
find()
findLowerBound()
clearAllData()

Answer:	(Draw	any	diagrams	which	make v	your ic	dea c	lear)

7. Dependency Visualization

Given a certain class, choose all the classes from the box you think have dependencies with it.

Class Box:

ndn::ndns::Query ndn::ndns::Zone

ndn::ndns::ManagementTool

ndn::ndns::ConfigFile ndn::ndns::NameServer ndn::ndns::RrsetFactory ndn::ndns::Validato ndn::ndns::DbMgr ndn::ndns::Response

ndn::ndns::IterativeQueryController ndn::ndns::NdnsCacheResolver

ndn::ndns::CertHelper ndn::ndns::Rrset

Situation 1:

When dealing with class ndn::ndns::ValidatorNdns, you would also be interested in the following class.

Situation 2:

The following classes will NOT be a concern(you will NOT debug on these classes) if you happen to find a bug in class ndn::ndns::Zone.

8. *DUCK-based Evaluation*

With the help of DUCK, my understanding level of the project is:_____. (Value ranges from 1-10, 1 means you have no idea what this project is about)

II. Open Question

9. From the visualization perspective, what else do you expect from our tool? Or any suggestions on DUCK. We ALL value your participation on this survey, we hope you can leave any comments or advice for our future work.

Leave your comments and suggestions here: eg. Which attributes you consider important are missing in	n our tool?
Signature:	Date: