

Projects



PA193 – Secure coding

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Projects – second part

- Section A
 - Code review of the source code of your colleagues
 - 10 points
- Section B
 - Code check of an open source project
 - 10 points
- Both sections presented in last seminar

Section A

- Take the code of your colleagues
 - The code is available in IS
- Review the code
- Try to attack the code
 - i.e. find problematic inputs
- Your results:
 - Report – one page (A4) document
 - Deadline (IS submission): Dec 16, 2015 24:00
 - Presentation at the last seminar
 - By a random team member

Overview of groups

Group	Members			Reviewed by	Part 1
A	Dalei, Dilip Kumar	Lambani, Gudani	Prakash, Shubhendu	B	PCAP
B	Das, Manoja Kumar	Singh, Harshit Kumar		C	MP3
C	Paulík, Martin	Mishra, Surya Prakash	Goud, Bathini Shinivas	D	TAR GZ
D	Chandel, Sandeep Kumar	Mnisi, Verah Tsakani	Pal, Rajesh Kumar	A	bibtex (.bib)
E	x				
F	Bhattacharya, Tanay	Mmokwa, Aobakwe Alloycius	Vishwakarma, Deepak Kumar	G	BMP
G	Bishoi, Susil Kumar	Laštovička, Martin		H	HTML5
H	Haran, Himanshu Kumar	Nengwenani, Mpho Cavin	Yadav, Ravi Shankar	I	Intel hex
I	Haware, Ameet Kumar	Tamrakar, Neelesh Kumar		F	GIF
J	x				
K	Babej, Tomáš	Šuška, Boris	Wittner, Rudolf	L	XML in UTF8
L	Bartoš, Milan	Kotvan, Peter	Plich, Matěj	M	JSON for Docker Image Specs
M	Melšová, Zuzana	Možucha, Jakub	Švábenský, Valdemar	N	JPG
N	Gajdár, Michal	Kollár, Roman		K	X.509 cert in DER
O	Baesso, Andrea	Horák, Martin	Nutár, Ivo	P	PNG
P	Bustreo, Paolo	Komárek, David	Viluda, Ľubomír	R	JSON for floorball
R	Kuníková, Lenka	Mosnáček, Ondrej	Obrátil, Ľubomír	O	iCalendar

Section B

- Code checking
 - Select a project from SourceForge, GitHub or Codeplex
 - min. 50k lines of code
 - write your decision to zriha@fi.muni.cz and wait for approval
 - Check with Cppcheck and/or PReFast and other suitable tools
 - Report
 - max. 2 pages A4
 - Deadline (IS submission): Dec 16, 2015 24:00
 - Presentation
 - By a random team member

Project reports

- Join the seminar group as usual
- Presentations: 5 minutes (sharp) each section
 - By a random team member
- **NEW: PPT or PDF slides allowed**
 - Upload into IS together with other files in advance
- Deadline Dec 16 by 24:00 to put files into the IS
 - 1 page A4 from section A
 - What tests did you perform (automated tests, manual review), what did you focus on, what did you find out.
 - 1-2 pages A4 for report from section B
 - What project you reviewed, what does the SW do, which tools you used, what are your results, did you provide feedback to the developers?