

# SeaMonster: Providing tool support for security modeling

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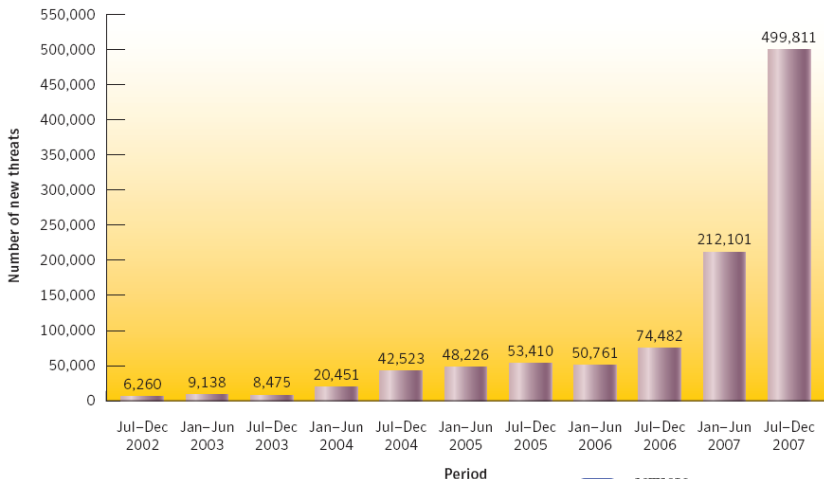
# Outline

- Background
- SeaMonster explained
- Practical use (video)
- XSS example
- Conclusion and further work



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# Background



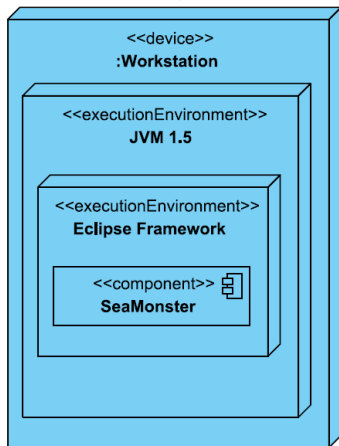
(Source: Symantec Corporation)



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# SeaMonster explained

- Graphical modeling application
- Supports well known modeling techniques
- Common information model
- Based on EMF and GMF on top of the Eclipse framework
- Freely available and open source

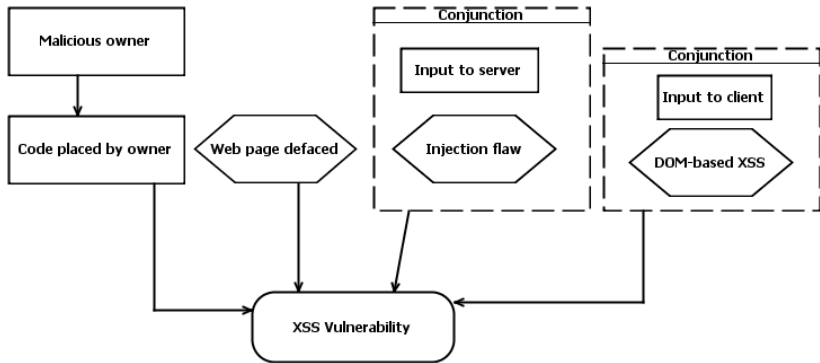


# Video...

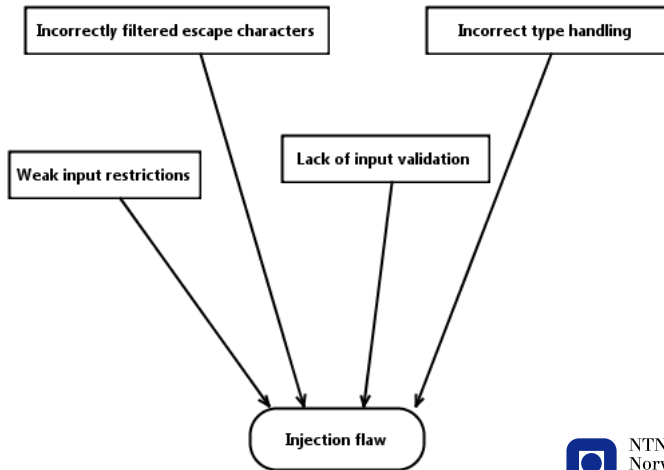


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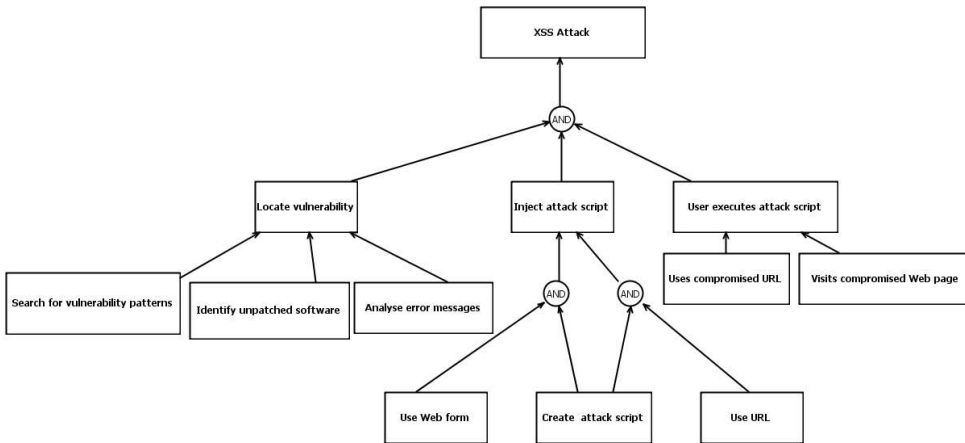
# XSS example: VCG (1)



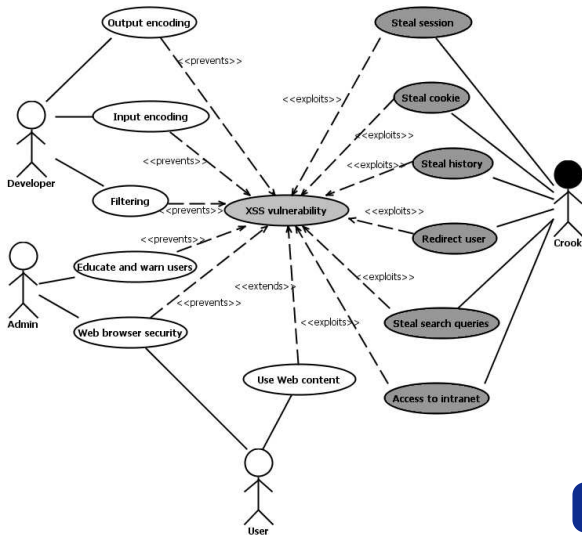
# XSS example: VCG (2)



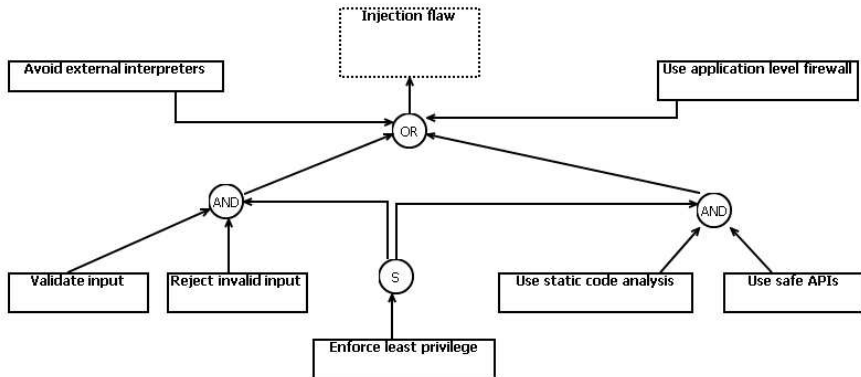
# XSS example: Attack tree



# XSS example: Misuse case diagram



# XSS example: Security activity graph



# Conclusion and further work

- Model sharing repository
- Add supplementary security modeling notations



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