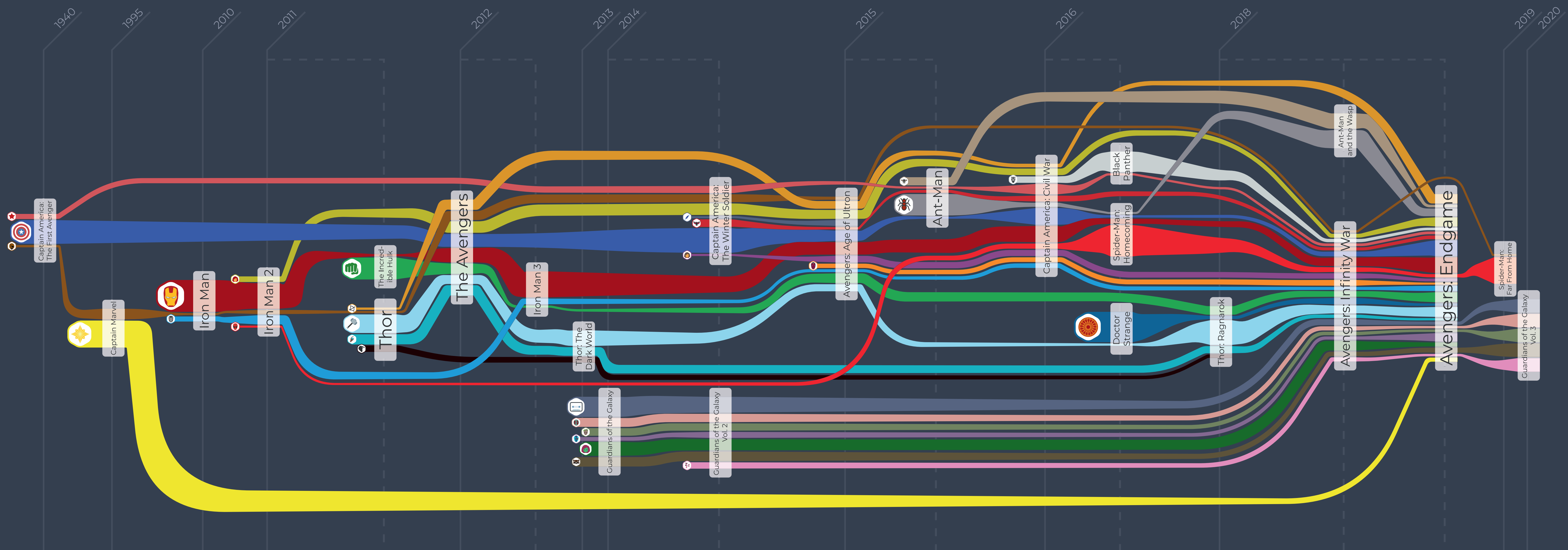




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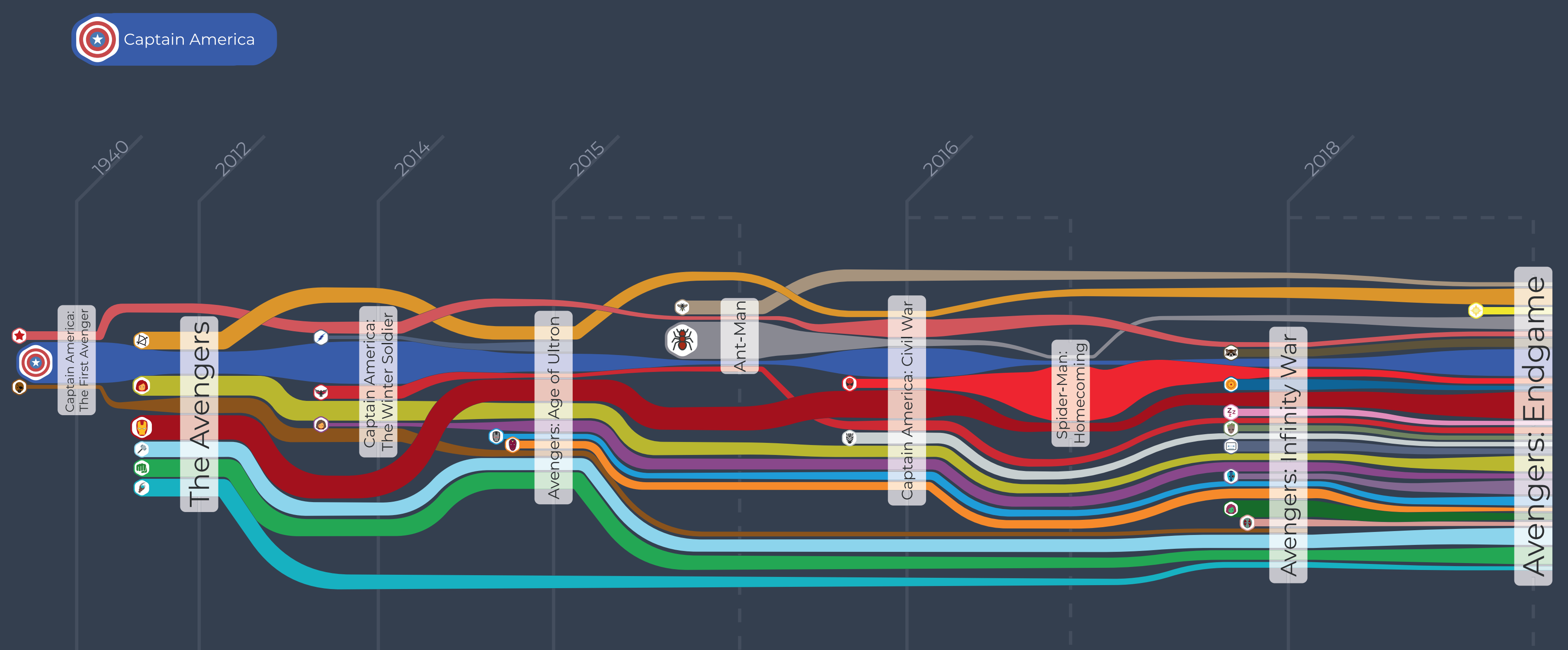
Graph Drawing Contest 2019 Marvel Cinematic Universe



- Ant-Man
- Black Panther
- Black Widow
- Captain America
- Captain Marvel
- Doctor Strange
- Drax the Destroyer
- Falcon
- Gamora
- Groot
- Hawkeye
- Hulk
- Iron Man
- Wasp
- Loki
- Mantis
- Nebula
- Nick Fury
- Odin
- Quicksilver
- Rocket Raccoon
- Scarlet Witch
- Spider-Man
- Star-Lord
- Thor
- Vision
- War Machine
- Winter Soldier

In this visualization of the Marvel Cinematic Universe and its characters, we've arranged all movies in their in-universe timeline. Characters are shown as edges that pass through the movies they appear in. The thickness of edges models the relative screen time of characters within a movie. The overall layout is automatically computed and uses yFiles support for Sugiyama-style graph drawing with several adjustments and enhancements for parts of the graph. The accompanying interactive application also allows to filter the graph by character or film series.

www.yworks.com/marvel



Hulk

